

20011208.qrp v02_n399.qrl.20011208

Date: Sat, 8 Dec 2001 19:03:12 EST
From: qrp-1@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: QRP-L digest 2399

QRP-L Digest 2399

Topics covered in this issue include:

- 1) [114209] CW items FS
by "Ken Simpson, W8EK" <W8EK@fdt.net>
- 2) [114210] SWR Question
by "Karl Rifenbark" <n7dma@mindspring.com>
- 3) [114211] Now: YF licensed- Re: [114200] Re: 80 osc/transmitter
by Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
- 4) [114212] FS: Shurr PROFI-2 key----SOLD
by bob parks <rob3ert@yahoo.com>
- 5) [114213] Re: [Elmer 101] SW-20+ "Audio IC" Question..
by penzo@juno.com
- 6) [114214] Epson SG-8002
by "Johan Smet" <johan_smet@pandora.be>
- 7) [114215] Re: To Foxes
by "Mike Malone" <mmalone@worldlogon.com>
- 8) [114216] Re: YF licensed- Re: [114200] Re: 80 osc/transmitter
by "Francis Callahan" <colcal@srv.net>
- 9) [114217] AOL is not send inding QRP-L through
by IamSF5@aol.com
- 10) [114218] Custom MP-1 Antenna Now Available From Elecraft
by Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
- 11) [114219] 3.886 MHz Fun
by NM5Mike@aol.com
- 12) [114220] QRP is! Confessions of a QRO op gone QRP.
by Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
- 13) [114221] Re: [Elmer 101] SW-20+ "Audio IC" Question..
by NB6M@aol.com
- 14) [114222] Re: O.T. Nicad help...
by "Mike Yetsko" <myetsko@insydesw.com>
- 15) [114223] Re: To Foxes
by "Tom" <n1tp@worldnet.att.net>
- 16) [114224] AMAZING!
by Steven Weber <kd1jv@moose.ncia.net>
- 17) [114225] Re: [Elmer 101] SW-20+ "Audio IC" Question..
by n5ib@juno.com
- 18) [114226] Re: O.T. Nicad help...
by kaliic <kaliic@prexar.com>
- 19) [114227] Re: O.T. Nicad help...

- by "Mike Yetsko" <myetsko@insydesw.com>
- 20) [114228] Re: MP-1 Antenna
by IamSF5@aol.com
- 21) [114229] Solar Power - Quick and DIrty
by "James R. Duffey" <jamesd1@flash.net>
- 22) [114230] Re: 3.886 MHz Fun
by William R Colbert <w5xe@juno.com>
- 23) [114231] Re:%20Isotron%20Antennas
by Jspiker@aol.com
- 24) [114232] Re: [Elmer 101] SW-20+ "Audio IC" Question..
by "w8diz" <w8diz@fpqrp.com>
- 25) [114233] Re: MP-1 Antenna
by n2go@arrl.net
- 26) [114234] W8KC Foxhunt Log
by "Paul R. Valko" <prvalko@oakland.edu>
- 27) [114235] Re: Epson SG-8002
by David Hinerman <wd8civ@worldnet.att.net>
- 28) [114236] Re: TS-120S need help
by "John Lockhart" <jlockj@earthlink.net>
- 29) [114237] Re: To Foxes
by "Mike Malone" <mmalone@worldlogon.com>
- 30) [114238] Re: MP-1 Antenna
by IamSF5@aol.com
- 31) [114239] Re: MP-1 Antenna
by Paul Womble <pwomble1@tampabay.rr.com>
- 32) [114240] Fox -- AG0T, Your 12/11 Cub Fox...
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
- 33) [114241] Re: Isotron Antennas
by Steven Weber <kd1jv@moose.ncia.net>
- 34) [114242] Att K5QLF
by Steven Weber <kd1jv@moose.ncia.net>
- 35) [114243] Re: MP-1 Antenna
by IamSF5@aol.com
- 36) [114244] Re: YF licensed- Re: [114200] Re: 80 osc/transmitter
by "JOSEPH PIRKLE" <ad4ih@worldnet.att.net>
- 37) [114245] Re: MP-1 Antenna
by DK3RED@t-online.de (Ingo, DK3RED)
- 38) [114246] Re: MP-1 Antenna
by "Karl F. Larsen" <k5di@zianet.com>
- 39) [114247] Re: AMAZING!
by "Dave Benson" <nn1g@earthlink.net>
- 40) [114248] Re: Isotron Antennas
by Pete Burbank <plburbank@kih.net>
- 41) [114249] Re: To Foxes
by Bill ROWLETT <kc4atu@yahoo.com>
- 42) [114250] Re: DCTL woes (now N4RT Windom)
by Bruce Muscolino <w6toy@erols.com>
- 43) [114251] Re: To Foxes

- by Dave Gingrich K9DC <gingrich2@dcg.org>
- 44) [114252] OT: FT-902DM AGC Problem
by "Dan Trigilio" <danjt@cruzio.com>
- 45) [114253] Smart Battery Chargers
by "E. Roswell" <eroswell@monmouth.com>
- 46) [114254] RE: MP-1 Antenna
by "Charles Mabbott" <crmabbott@mediaone.net>
- 47) [114255] NoVaQRP Tilt-Up Feet Offer Cancelled
by "William K. Harding" <k4ahk@ix.netcom.com>
- 48) [114256] Re: MP-1 Antenna
by DK3RED@t-online.de (Ingo, DK3RED)
- 49) [114257] Re: AVG OK?
by Bruce Rattray <rattray@gpfn.sk.ca>
- 50) [114258] FS: I.C.E Bandpass Transeiving Filters
by "Roger Hightower" <n7kt@worldnet.att.net>
- 51) [114259] Enclosure Tins/ "IT"
by "Steve Thompson" <steve@xcvr.com>
- 52) [114260] Re: To Foxes
by "Marty N5NW" <n5nw@onebox.com>
- 53) [114261] TS-120S problems-SUCCESS
by "Joe W2KJ" <w2kj@earthlink.net>
- 54) [114262] Re: TS-120S problems-SUCCESS
by "Joe Trombino" <w2kj@earthlink.net>
- 55) [114263] Audio Phase Shift Network
by "Brad Hernlem" <alihernlem@hotmail.com>
- 56) [114264] Re: TS-120S problems-SUCCESS
by "George, W5YR" <w5yr@att.net>
- 57) [114265] Re: Epson SG-8002
by "John J. McDonough" <wb8rcr@arrl.net>
- 58) [114266] [CLUB] QRP ARCI - Time to renew?
by Jim Stafford <w4qo@amsat.org>
- 59) [114267] Re: I.C.E Bandpass Transeiving Filters
by "Roger Hightower" <n7kt@worldnet.att.net>
- 60) [114268] Question on How to Measure Power Output
by "Tom" <thom2@worldnet.att.net>
- 61) [114269] Re: Question on How to Measure Power Output
by Arthur Moe <kb7ww@uswest.net>
- 62) [114270] Re: Question on How to Measure Power Output
by "Rod N0RC" <rod@n0rc.com>
- 63) [114271] Re: Isotron Antennas
by Fernando Quinones <nf6q@yahoo.com>
- 64) [114272] AL7FS @ KL7Y 1851z
by Dan Robbins <kl7y@alaska.net>
- 65) [114273] FS: Yaesu FT-7 QRP Rig
by "Jim Dolson" <jdolson@iserv.net>
- 66) [114274] Re: Isotron Antennas
by Steven Weber <kd1jv@moose.ncia.net>
- 67) [114275] ARRL 160 M contest

by KENNETH ROBERT MCGUIRE <at902@tcnet.org>
68) [114276] Re: Question on How to Measure Power Output
by John Wagner <john@wagner-usa.net>
69) [114277] Non Radio, but very important message, pse look carefully...
by "Stephane Collas" <stephane.collas@wanadoo.fr>
70) [114278] Re: Question on How to Measure Power Output
by "Mike Branca" <w3irz@att.net>
71) [114279] Re: [fpqrp] IM Madness!
by "N8IE" <n8ie@woh.rr.com>
72) [114280] AL7FS 1951z
by Dan Robbins <kl7y@alaska.net>
73) [114281] Re: [fpqrp] Re: BE GOOD NOW
by "N8IE" <n8ie@woh.rr.com>
74) [114282] Re: [fpqrp] IM Madness!
by "N8IE" <n8ie@woh.rr.com>
75) [114283] worked jim - need HI!
by John Wagner <john@wagner-usa.net>
76) [114284] Anyone Know of a K7A?
by Jim Campbell <jim-c@nc.rr.com>
77) [114285] psk31 and Linux
by neil tanner <wa4chq@qsl.net>
78) [114286] AL7FS 2120z
by Dan Robbins <kl7y@alaska.net>
79) [114287] Re: AL7FS 2120z
by Fred Lesnick <flesnick@tbaytel.net>
80) [114288] Re: Anyone Know of a K7A?
by Fred Lesnick <flesnick@tbaytel.net>
81) [114289] Re: Anyone Know of a K7A?
by "Rod N0RC" <rod@n0rc.com>
82) [114290] Re: Anyone Know of a K7A?
by "Richard Brummer, K2JQ" <k2jq@bestweb.net>
83) [114291] AL7FS 21.062 at 2141
by john@wagner-usa.net
84) [114292] Re: psk31 and Linux
by Stephan Greene <sgreene@patriot.net>
85) [114293] Re: psk31 and Linux
by brickle <brickle@pobox.com>
86) [114294] Fw: AL7FS 21.062 at 2141
by "Niels" <nkristja@cadvision.com>
87) [114295] Re: Epson SG-8002
by David Hinerman <wd8civ@worldnet.att.net>
88) [114296] Re: AL7FS 21.062 at 2141
by "Richard Brummer, K2JQ" <k2jq@bestweb.net>
89) [114297] Re: Fw: AL7FS 21.062 at 2141
by Jim Campbell <jim-c@nc.rr.com>
90) [114298] AL7FS on 21.062
by "Tom" <n1tp@worldnet.att.net>
91) [114299] DC/DC Converter: 12V in, 1.5 to 12V out @ \$5

by "Ron McConnell" <rcmcc@earthlink.net>
92) [114300] Re: O.T. Nicad help...
by ka1iic <ka1iic@prexar.com>
93) [114301] AL7FS @2300z
by Dan Robbins <kl7y@alaska.net>
94) [114302] Tiny Tornado Packaged and Operational
by "Chuck Carpenter" <w5usj@globeco.net>
95) [114303] FS: Yaesu FT-920
by "JOSEPH PIRKLE" <ad4ih@worldnet.att.net>
96) [114304] Why not, this deathmatch thingie & finding a way to get on the 160m
contest
by nilsbull@juno.com
97) [114305] OT: Wanted, transformer for TT 255 PS
by "Glenn Butzlaff" <gbutzlaff@wi.rr.com>
98) [114306] Ten Meters Wide Open
by "Ernest J. Gregoire" <gregoire@vermontel.net>

Date: Fri, 7 Dec 2001 19:07:52 -0500
From: "Ken Simpson, W8EK" <W8EK@fdt.net>
To: "QRP List" <qrp-l@lehigh.edu>
Subject: [114209] CW items FS
Message-ID: <03c101c17f7c\$6262d100\$5a91d4d1@toshiba>

For Sale:

Auttek MK-1 CMOS Memory keyer

This is a very nice keyer. It has more memories than one can use (or so it seems), plus some of them can be linked, so you put almost an entire QSO in memory. It is powered by 110 V AC, although I think you could use 12 V DC as well. The speed control also has a "tune" position on it, so you can lock the key for tuning an antenna tuner, or whatever. This unit is in very nice shape. I have not been able to find a scratch on it. \$ 100

Bencher BY-2 Paddle

This is the "All Chrome" model. Chrome base. and not the black base. In very nice shape for \$ 80.

World War II vintage J-12 straight key.

I am guessing on the vintage, but it must be somewhere in that era - maybe earlier. It matches pictures that I have found, indicating that it is a J-12. Includes cotton covered cord. The fact it is cotton covered says something about its vintage. \$ 40

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson

E-mail to W8EK@fdt.net or W8EK@yahoo.com

Voice Phone (352) 732-8400

Date: Fri, 7 Dec 2001 17:31:11 -0700
From: "Karl Rifenbark" <n7dma@mindspring.com>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [114210] SWR Question
Message-ID: <HFEHJIPLCMLIEGPKDPOGEEBJCBAA.n7dma@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi, Gang:

I have a question about SWR measurements and readings. I've never had more than one rig before, and now that I have something to compare to, I've noticed something odd. When I tune my antenna with my antenna tuner to match my FT-840, then switch over to the K1, the antenna tuner needs to be readjusted, on some bands quite a lot. They are attached to the same ground independantly (not daisy chained). When I check them both with my dummy load, they both give a 1:1 reading. What gives?

Thanks,
Karl
N7DMA

Date: Fri, 7 Dec 2001 19:28:36 -0500 (EST)
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
To: qrp-1@lehigh.edu
Subject: [114211] Now: YF licensed- Re: [114200] Re: 80 osc/transmitter
Message-ID: <200112080028.fB80Sag29650@panix2.panix.com>

There's an interesting and good side effect of your spouse being licensed: Third party rules are not in effect. Messages from one ham to another are always allowed, so if you're in a place where third party traffic is not allowed, you can still use amateur radio to communicate.

73, doug

who is married to KD6HXY

Date: Fri, 7 Dec 2001 16:41:12 -0800 (PST)
From: bob parks <rob3ert@yahoo.com>
To: qrp-1@Lehigh.EDU
Subject: [114212] FS: Shurr PROFI-2 key----SOLD
Message-ID: <20011208004112.74836.qmail@web14702.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Gang,

The PROFI is spoken for. Many thanks.

Regards es 72/73

Bob Parks
K6AEC

Do You Yahoo!?
Send your FREE holiday greetings online!
<http://greetings.yahoo.com>

Date: Fri, 7 Dec 2001 19:48:48 -0500
From: penzo@juno.com

To: wphinizy@filenet.com, qrp-1@lehigh.edu
Subject: [114213] Re: [Elmer 101] SW-20+ "Audio IC" Question..
Message-ID: <20011207.194849.-296317.1.penzo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bill,

We did a group buy of the low current op amp replacement back when I participated in the Elmer 101 project in '98. It does tend to oscillate into a 8 ohm load. The trick is to wire your headphone jack so that the phones are in series. It worked great for me (and still does). Be sure to use a socket for the op amp, that way you can easily choose which chip you want to use. I have pasted one of our old emails below.

Good luck and 73,

Mike, KT4FJ

----- Forwarded message -----

From: Michael Maiorana <mikemo@ibm.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Date: Sat, 01 Aug 1998 01:40:25 -0400
Subject: Elmer101: LMC662 mod
Message-ID: <35C2AA49.9E8C2156@ibm.net>

>From what I've gathered so far, the LMC662 driving headphones of 25ohms each in parallel (12.5 ohms total load) will oscillate. The 5532 did not. Driving higher impedances with the 662 seems to work just fine. If you wired your headphones in series this may be enough impedance to not oscillate. The data sheet specs driving a 600 ohm load. I used my high impedance headphones (2000 ohms) and they worked great (just wish they were more comfortable ;-)

So, if you want to save 6 mA on receive (40%) then this is a great mod. I wonder if there is something we could do about the output. Matching transformer (big), series resistor (wasteful). Lower the gain so it won't oscillate (lower gain). Any Ideas?

--

On Fri, 7 Dec 2001 09:24:39 -0800 "Phinizy, William"

<wphinizy@filenet.com> writes:

> This is probably jumping *way ahead* of the project, but there was a
> reference to a substitute for the '5532 op amp that Dave uses in his
> SW+
> rigs that lower current consumption and (more importantly) add audio
> gain.

> My sodden old memory recollects that it was contained in the "QRP
> Power"
> NE-4040 article, but searching same has not revealed anything.
>
> I would be most grateful if anyone could provide the facts of this
> mod/substitution..
>
> ..thanks.
>
> Bill, K6WHP
>
>

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<http://dl.www.juno.com/get/web/>.

Date: Sat, 8 Dec 2001 02:04:24 +0100
From: "Johan Smet" <johan_smet@pandora.be>
To: <qrp-1@Lehigh.EDU>
Subject: [114214] Epson SG-8002
Message-ID: <EIELKLLAKHJMDPPKMKALKENICBAA.johan_smet@pandora.be>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi gang,

The Epson SG-8002 programmable oscillator seems like a good xtal
alternative. Anyone experimenting with it and like to share comments? Anyone
on the list living in Europe: do you know a reliable source to order the
chip (maybe a sample one)?

72/73,

John ON5EX

Date: Sat, 8 Dec 2001 07:11:38 -0600
From: "Mike Malone" <mmalone@worldlogon.com>
To: <john@wagner-usa.net>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [114215] Re: To Foxes
Message-ID: <001a01c17fea\$289039e0\$8df5a7cc@malonefamily>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

John, that is a great point! Those of you that haven't "been there" need to give it a try and see how you fare. I feel like a frog on the freeway when I play truffle or cub fox. I can only imagine what the Thursday night feature sounds like on the fox end. And to you guys who give us that fun every week, thank you !!!

KD5KXF

-----Original Message-----

From: John Wagner <john@wagner-usa.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Friday, December 07, 2001 12:00 AM
Subject: Re: To Foxes

>Easy boys.

>

>Unless you've been there, you have no idea how crazy these fox hunts
>are. Hounds you didn't call sending their exchange on top of the hound
>you did, hounds blaring away after asking for a "name?" fill. It's not
>easy to move the pack off your freq, I never worked a single hound on my
>freq last week yet they were calling me there all night. It's not easy,
>period.

>

>Let's not forget that the fox is trying to copy stations using 5w or
>less of power in the middle of the disaster that is 40m. Keeping the
>pack 1Khz away sounds like a good idea, until a QRO QSO starts taking
>place there - then what?

>

>It's tough going and it's a lot of work. It's also fun, if you're into
>that kind of thing.

>

>I've read a lot of criticisms here tonight - some of may not sit so well
>in the lap of the person who just spent two hours trying to hand out
>"fox pelts" to you guys. Think about that. Someone took two hours of
>their day that could have been spent doing something else to give us all
>a little radio excitement... how 'bout saying THANKS?!

>

>73 de John, N1QO

>

>"Karl F. Larsen" wrote:

>>
>> Tonight was a good example of what happens when the Fox fails to
>> do the few simple things that make a Fox a good one. The first rule is to
>> send the Hound's call first and last. DO NOT REPEAT YOUR NUMBERS!!!! We
>> hear your numbers everytime you work someone.
>>
>> It's very easy to move the pack to a frequency off your own. Just
>> move your receiver up to where you want the pack to be, and send CQ FOX U
>> until someone gets there. Work him and then wait for more. Pretty soon
you
>> will need to tune a little of the pack to copy one.
>>
>> With a good Fox you never have a problem hearing him even if weak
>> because the pack is 1000 HZ away.
>>
>> With a bad Fox the pack is on top of him and the Hounds and the
>> Fox can not hear anything well. I can't tell any Fox what to do except
>> myself. But if all the Foxes try these simple things it should make Fox
>> Hunting a lot more fun. We have a LOT more Hounds!
>>
>> --
>> Yours Truly,
>>
>> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
>> <http://www.zianet.com/k5di/>
>
>--
>John Wagner - john@wagner-usa.net
>Web page: <http://www.neknetwork.com>

Date: Fri, 7 Dec 2001 18:27:17 -0700
From: "Francis Callahan" <colcal@srv.net>
To: <faunt@panix.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [114216] Re: YF licensed- Re: [114200] Re: 80 osc/transmitter
Message-ID: <001901c17f87\$7a25e1a0\$3fde070c@callahan>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It is also easier to buy more equipment without a hassel 72 Cal KF7ET
misplaced Vermonter in Idaho

----- Original Message -----

From: "Doug Faunt N6TQS +1-510-655-8604" <faunt@panix.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, December 07, 2001 5:28 PM
Subject: Now: YF licensed- Re: [114200] Re: 80 osc/transmitter

> There's an interesting and good side effect of your spouse being
> licensed: Third party rules are not in effect. Messages from one ham
> to another are always allowed, so if you're in a place where third
> party traffic is not allowed, you can still use amateur radio to
> communicate.
>
> 73, doug
>
> who is married to KD6HXY
>

Date: Fri, 7 Dec 2001 20:34:05 EST
From: IamSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [114217] AOL is not sending QRP-L through
Message-ID: <18.16a42f9d.2942c80d@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Aol started running slow with the mail so I looked at my anti AOL mail
account and was shocked to see the amount of mail that never came through.
I just found out Dave NN1G is coming out with a noise bridge?
I have the older Palomar Engineers but a pair and a spare will never hurt.
Bob
WA2HOQrp <tm>

Date: Fri, 07 Dec 2001 17:51:15 -0800
From: Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
To: Elecraft mail list <elecraft@qth.net>, QRP-L <qrp-l@lehigh.edu>
Subject: [114218] Custom MP-1 Antenna Now Available From Elecraft
Message-ID: <3C117213.16D673ED@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Elecraft has teamed up with Super Antennas to bring you their excellent MP-1
portable antenna customized for your K1 or K2. This special version of the MP-1

exactly matches the textured gray color of the K1 and K2. The MP-1 is continuously tunable from 7 MHz to 50 MHz by sliding the loading coil's cover up and down and can handle up to 150 Watts.

The complete antenna system breaks down into short sections that will fit into any small portable carrying case, including the K2 TacPac (tm) from Mountain-Ops. It is small enough to use from a hotel room table or clamped to an exterior window. It also makes an excellent mobile antenna. (Its standard 3/8" threaded base fits most mobile brackets and mag-mounts.)

This is an excellent portable and mobile antenna which we have been using extensively during our travels to regional hamfests. If you have visited our booth you may have seen it set up next to our demo K2.

Our introductory price for the Elecraft version of the MP-1 is \$144.95 (Regular price \$150.00)

For a detailed description see:
http://www.elecraft.com/SA/mp1_from_elecraft.htm

For info on the K2 TacPac see:
<http://www.mountain-ops.com>

73, Eric WA6HHQ
--
<http://www.elecraft.com>

Date: Fri, 7 Dec 2001 20:48:56 EST
From: NM5Mike@aol.com
To: qrp-1@lehigh.edu (Low Power Amateur Radio Discussion)
Subject: [114219] 3.886 MHz Fun
Message-ID: <119.8ffbced.2942cb88@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Anyone want to join in on the 3686 KHz fun this evening?

I'll be on 3886 +/- 1 with my recently modified Nogonaut (I added a VX0) between 0400 and 0600 UTC .

73,

Eric NM5M

Date: Fri, 07 Dec 2001 17:58:39 -0800
From: Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
To: Elecraft mail list <elecraft@qth.net>, QRP-L <qrp-l@lehigh.edu>,
GQRP <gqrp@egroups.com>
Subject: [114220] QRP is! Confessions of a QRO op gone QRP.
Message-ID: <3C1173CF.1C39EAE1@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Team Vertical (K2KW, KE7X, N6XG, W0YK and N6BT) entered the CQWW CW contest this year from Jamaica running all K2s at 5 Watts. It now looks like they have blasted through at least five North America CQWW CW QRP records and four World Records! As an example, the claimed score for 6Y1A on 10M was 843,700 versus a previous world record of 431,060.

Ed, W0YK, has written an excellent article with pictures on the Team Vertical Effort titled: 'QRP is! Confessions of a QRO op gone QRP.' This article is reprinted with permission from the Northern California Contest Club (NCCC) newsletter.

To find out how they did it, and how we converted five confirmed KW+ QRO op's to QRP, you can read .pdf of the article on our web site at:
http://www.elecraft.com/DXpeditions/QRP_is.pdf

I hope we see more of these big QRP contest efforts!

72, Eric WA6HHQ
--
<http://www.elecraft.com>

Date: Fri, 7 Dec 2001 21:16:08 EST
From: NB6M@aol.com
To: QRP-L@lehigh.edu
Subject: [114221] Re: [Elmer 101] SW-20+ "Audio IC" Question..
Message-ID: <d7.104b2aef.2942d1e8@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi All,

The replacement IC in question is the LMC662CN, a CMOS IC, which was talked

about in Dennis Monticelli and Mitchell Lee's article in QRP Power.

It is available from Radio Shack, by calling 1-800-THE SHACK, and ordering their part number 90-6333, at \$1.39 each. Probably available elsewhere, as well, a Digikey part number at \$2.28 each was included in the article.

72

Wayne NB6M

Date: Fri, 7 Dec 2001 21:14:43 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <ka1iic@prexar.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [114222] Re: O.T. Nicad help...
Message-ID: <002f01c17f8e\$1bed3aa0\$0600a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, if it's the 'size' of a 'C' but twice as long... Are they 2.5v or 1.25v? Or what?? If they are 2.5, they may be standard C or even 'sub-c' in a carrier. You didn't really tell us anything, and your statement that they can be used in a flashlight implies they are 2.5v or more. (Not many 1v flashlight bulbs out there!)

If they were mine, first thing I would do is put 100ma through them and see what voltage they charge to in an hour or so. If they charge to 2.5v, then they are probably two cells. 1.25v they are one. And 3.75v 3, and so on.

If they are 2.5v then they are two cells, but you don't know if they are 'full' C cells or two 'sub C' cells in a dual carrier. Again, you didn't tell us hardly anything. I'm glad this isn't an emergency call.

If the voltage is higher than 2.5v, then figure they are either 'sub-C' packs, or industrial 2/3C or 1/2C or 1/3C carriers. Again, you NEED TO FIND THE VOLTAGE!!

Now ASSUMING they are 'solid' cells, and not like 'standard' C and D which are really 'sub-C' cells in a C or D size carrier, figure that they should charge to a value of about 7 or so when you multiply the voltage times the AH rating. So, if they are a single cell at 1.25v, then they MIGHT be a 7ah rating. You'd have to do some charge and discharge cycles to make sure, and then only when you

put them on an EXTENDED low rate charge.

If you get 2.5v, then figure 3ah or so. Start with the voltage when you run a trickle charge into them for about 24 hours. Normally figure a 1/10 rated slow charge brings up a cell in 14 to 18 hours, but you don't know what it is. So I'd put 100ma into the cell for a few hours, and measure the voltage. Going backwards from that, with a guess at the AH rating, figure 1/10 the 1 AH rating for about 10 hours, then I'd put another 1/20 of the AH rating for another 12 to 24 hours. THEN run a discharge to see what the AH rating probably is.

While it's possible these are 1.25v cells... Somehow I don't think so. They are probably multi-cell 'cartridges', but until you know the voltage, there's not much else to say...

Mike

> I've got these nicad batteries and no specs for charging...
>
> They are the size, in diameter, of a standard C cell but are twice as
> long... I was told they were used for aircraft lighting (emergency
> type?)
>
> I have charged them with a small wall wart charger and they do take a
> charge but I know this device is not fully charging them... I have used
> these cells for homemade flashlights and they work well...
>
> Now I want to make up a battery for those winter nights when the power
> goes down... got to stay on the air ya know... qrp of course 80)
>
> Vince
> kaliic

Date: Fri, 7 Dec 2001 21:23:32 -0500
From: "Tom" <n1tp@worldnet.att.net>
To: <mmalone@worldlogon.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [114223] Re: To Foxes
Message-ID: <001201c17f8f\$55c96f40\$218d4d0c@tom>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

FOXes & a just some common sense.

Where is John's "great point"? Is the "great point" that FOXes are volunteers and it's not easy being a FOX?

These conclusions are true, but beside the point. A FOX owes hounds much more than being a FOX. At the very least each FOX owes it to the hounds to:

1. Keep order by WORKING SPLIT and leading the pack away from the FOX's transmitting freq. All good FOXes do this. Good hounds (the vast majority) know exactly where the FOX worked the preceding QSO. Most hounds tend to call just inside the preceding Hound's frequency unless the hounds realize that the FOX is not going to call any closer to his transmitting freq.

Order breaks down only after the hounds realize there is no order.

Always transmit the hound's call at the beginning and at the end of the FOX's transmission to each hound.

2. Don't waste time transmitting re any unnecessary information. For example, requesting a fill for a signal report is a total waste of time.

Hounds are standing by and the FOX is sending "Rpt?" GEEEEEEZE!

Tom, N1TP
Naples, Florida

* * * * *

John, that is a great point! Those of you that haven't "been there" need to give it a try and see how you fare. I feel like a frog on the freeway when I play truffle or cub fox. I can only imagine what the Thursday night feature sounds like on the fox end. And to you guys who give us that fun every week, thank you !!!

KD5KXF

Easy boys.

Unless you've been there, you have no idea how crazy these fox hunts are.

Let's not forget that the fox is trying to copy stations using 5w or

less of power in the middle of the disaster that is 40m. Keeping the pack 1Khz away sounds like a good idea, until a QRO QSO starts taking place there - then what?

It's tough going and it's a lot of work. It's also fun, if you're into that kind of thing.

I've read a lot of criticisms here tonight - some of may not sit so well in the lap of the person who just spent two hours trying to hand out fox pelts" to you guys. Think about that. Someone took two hours of their day that could have been spent doing something else to give us all a little radio excitement... how 'bout saying THANKS?!

73 de John, N1QO

* * * * *

With a good Fox you never have a problem hearing him even if weak because the pack is 1000 HZ away.

With a bad Fox the pack is on top of him and the Hounds and the Fox can not hear anything well. I can't tell any Fox what to do except myself. But if all the Foxes try these simple things it should make Fox Hunting a lot more fun. We have a LOT more Hounds!

Yours Truly,
Karl F. Larsen,
>

Date: Fri, 07 Dec 2001 21:26:04 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [114224] AMAZING!
Message-ID: <3.0.6.32.20011207212604.00794100@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I didn't really expect anyone to hear me with this 160 M Isotron thingie, but these guys must really have good ears! I'm impressed - with thier abilities, not mine :-) I'm sure they'd be impressed too, if they know the kind of set up they just worked!

Best DX so far, VA. Also NH, VT, WMA, WPA and WNY. Granted, I am putting 40 watts into the thing, but I figure I got at least a 10-15 dB disadvantage going here and the SWR foldback on the rig might be making it put out even

less. Guess it just goes to show, even a dummy load can get out in a contest<G>

Now I got to wait for some other stations to come on in the 10 KHz or so I can work. I took down my 10M vertical and stuck the PVC pipe with the Isotron on it, on the top of the 10M vert mast, so now it's too high for me to reach the tuning plate with the step ladder to move the resonant freq - but still, it's only about 15 ft off the ground.

Okay, should I switch the rig to the 5 W setting and really make these guys work for my one lousy point? But hey, my one point might be the one that puts them on top!

72,
Steve, KD1JV
"Melt Solder"
White Mountians of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Fri, 07 Dec 2001 21:39:36 EST
From: n5ib@juno.com
To: qrp-1@Lehigh.edu
Subject: [114225] Re: [Elmer 101] SW-20+ "Audio IC" Question..
Message-ID: <20011207.203501.7511.0.n5ib@juno.com>

On Fri, 7 Dec 2001 14:11:40 -0800 "Glen Leinweber"
<leinwebe@mcmail.cis.mcmaster.ca> writes:
>Dave informs me that the LMC662 can give trouble when substituted
>for the NE5532. Not always, but it appears to be marginally stable.

I used an LMC662 as a substitute for the NE5532 in my Manhattan version of the SW30+. It saved about 6 mA of supply current but was a tad "particular" about what sort of headphones I connected to it - even when wired for series connection - voicing its displeasure with loud squeals and yelps when I chose poorly.

Perfectly OK to use as along as you are prepared to submit to its demands
:^))

At the Monroe LA hamfest (last month where I gave a QRP forum) I picked up one of the \$10 TenTec audio amp board kits and will put it into my SW30+ (with a switch to cut it out and save the battery) so I can have good strong speaker volume when showing the rig at clubs and schools.

Jim N5IB

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<http://dl.www.juno.com/get/web/>.

Date: Fri, 7 Dec 2001 21:38:02 -0500 (EST)

From: kaliic <kaliic@prexar.com>

To: Mike Yetzsko <myetsko@insydesw.com>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [114226] Re: O.T. Nicad help...

Message-ID: <Pine.LNX.4.33.0112072136220.4171-100000@VinceWerber.org>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Mike et al,

They are individual cells i.e. 1.45volts thereabouts... they seem to have a large amount of current available...

72

Vince

kaliic

-.--.

If you can't convince them, confuse them.

--Harry S. Truman

On Fri, 7 Dec 2001, Mike Yetzsko wrote:

> Well, if it's the 'size' of a 'C' but twice as long... Are they 2.5v or
> 1.25v? Or what?? If they are 2.5, they may be standard C or
> even 'sub-c' in a carrier. You didn't really tell us anything, and your
> statement that they can be used in a flashlight implies they are 2.5v
> or more. (Not many 1v flashlight bulbs out there!)

>

> If they were mine, first thing I would do is put 100ma through them
> and see what voltage they charge to in an hour or so. If they charge
> to 2.5v, then they are probably two cells. 1.25v they are one. And
> 3.75v 3, and so on.

>

> If they are 2.5v then they are two cells, but you don't know if they
> are 'full' C cells or two 'sub C' cells in a dual carrier. Again, you

> didn't tell us hardly anything. I'm glad this isn't an emergency call.
>
> If the voltage is higher than 2.5v, then figure they are either 'sub-C'
> packs, or industrial 2/3C or 1/2C or 1/3C carriers. Again, you
> NEED TO FIND THE VOLTAGE!!
>
> Now ASSUMING they are 'solid' cells, and not like 'standard' C and D
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> the voltage times the AH rating. So, if they are a single cell at
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> put them on an EXTENDED low rate charge.
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> If you get 2.5v, then figure 3ah or so. Start with the voltage when you
> run a trickle charge into them for about 24 hours. Normally figure a 1/10
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> the voltage. Going backwards from that, with a guess at the AH rating,
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> They are probably multi-cell 'cartridges', but until you know the
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> Mike
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> > these cells for homemade flashlights and they work well...
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> > Now I want to make up a battery for those winter nights when the power
> > goes down... got to stay on the air ya know... qrp of course 80)
> >
> > Vince
> > kaliic
>
>

Date: Fri, 7 Dec 2001 21:45:19 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <kaliic@prexar.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [114227] Re: O.T. Nicad help...
Message-ID: <004701c17f92\$611678e0\$0600a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, a SINGLE cell, in a double C form-factor, would hardly be a compromised cell with 'sub-c' internals. So I'd figure on at least a 6ah rating. I'd charge on the SLOW rate of 1/10 (600ma) for 14 hours, then do a top-off at 1/20 (300ma or less) for maybe another 10 hours. Then run one down to see what you can get out of it.

Remember, there are a LOT of NiCads that cannot handle the 1/3ah rate. They can build too much gas pressure and vent.

Mike

----- Original Message -----
From: "kaliic" <kaliic@prexar.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, December 07, 2001 9:38 PM
Subject: Re: O.T. Nicad help...

> Hi Mike et al,
>
> They are individual cells i.e. 1.45volts thereabouts... they seem to
> have a large amount of current available...
>
> 72
> Vince
> kaliic
> ---.
>
>
> If you can't convince them, confuse them.
> --Harry S. Truman
> On Fri, 7 Dec 2001, Mike Yetsko wrote:
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or

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power
> > > goes down... got to stay on the air ya know... qrp of course 80)
> > >
> > > Vince
> > > ka1iic
> >
> >
>
>

Date: Fri, 7 Dec 2001 22:34:39 EST
From: IamSF5@aol.com
To: qrp-L@lehigh.edu
Subject: [114228] Re: MP-1 Antenna
Message-ID: <1e.1f9c9bd8.2942e44f@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I remember not long ago a few people told me that the MP-1 did not do well on
80 and 40 meter bands.
What new changes have been made to the antenna?
Bob
WA2HOQrp <tm>

Date: Fri, 07 Dec 2001 20:45:01 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: <bdh@cyberbound.net>, qrp-l <qrp-l@lehigh.edu>
Subject: [114229] Solar Power - Quick and Dirty
Message-ID: <B836DACD.F991%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Here is something you can try until your controller comes. It is quick, dirty, relatively cheap, safe, and effective.

A solar cell is a current source.

NiCd cells like to be charged with a current source. Usually at a 0.1 C rate. They can be trickle charged for long periods of time at 0.05 C or less.

Your solar array puts out 100 mA.

"C cell" size NiCds have a capacity of between 1500 and 2000 mAh.

You see where this is going.

Hook up a battery made of 10 or 11 NiCds to your solar cell through a diode. Some solar panels have the diode incorporated into their construction. Check. If you operate for a bit fairly often (say every other day) you can leave the cells permanently connected to the solar cell with no damage. It will take about 20 to 30 hours to fully charge a depleted cell, but if you start with a fully charged battery you can probably recover in one day of sunshine what you expend in an evening of operating. If you go on vacation or don't use the rig for a week so disconnect the panel.

Now this isn't efficient and it isn't pretty, but it works. And it is cheap.

--

James R. Duffey KK6MC/5
Cedar Crest, NM DM65

Date: Fri, 7 Dec 2001 20:52:51 -0700
From: William R Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu
Subject: [114230] Re: 3.886 MHz Fun
Message-ID: <20011207.205252.-306821.4.w5xe@juno.com>

MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Gee Eric til I read your post, just looking at the title, I thought you had added a modulator to the NoGanaut as well as a vxo. Would have been interesting to see how it performed on the big AM frequency.

Listening out west but nothing yet.

73

Ray

"The more I see of the representatives of the people, the more I admire my dogs." letter from Count d'Orsay
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2R
FP# 111, SOC#78,ARCI 5784, El Paso,(FAR WEST)TEXAS

Date: Fri, 7 Dec 2001 23:18:59 EST
From: Jspiker@aol.com
To: qrp-1@lehigh.edu
Subject: [114231] Re:%20Isotron%20Antennas
Message-ID: <3d.15bbc124.2942eeb3@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang,

I run an Isotron 40 from an apartment complex and I get excellent signal reports at the 500-600 mile range. I've even got some 569-589 reports. I've worked Georgia at 1pm in the afternoon....and he heard me, much better than I heard him, running 100 watts. I e-mailed a fellow in St. Louis because he couldn't believe I was running QRP. I've also found it to be very very very quiet. The apartment building where I live is a horrible location. I'm eyeball level with all the power transformers in the town. I bungee cord an aluminum painters pole (18ft) to the outside stair railing, to get it away from the metal in the building, use a 25 ft piece of coax, and it has really, really, worked well for me. I just can't say enough good about it!

John Smithson N8ZYA
Charleston WV

Date: Fri, 7 Dec 2001 23:35:00 -0500

From: "w8diz" <w8diz@fpqrp.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [114232] Re: [Elmer 101] SW-20+ "Audio IC" Question..
Message-ID: <004901c17fa1\$b300c980\$21dd1b41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anybody that wants the LMC662CN, I will sell them at a special of 5 pieces for \$5 plus shipping. You might want to look at my web page to make the shipping worth while. I'm selling these at cost more or less.

<http://kitsandparts.com>

-Diz, W8DIZ

----- Original Message -----

From: <NB6M@aol.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Friday, December 07, 2001 9:16 PM
Subject: Re: [Elmer 101] SW-20+ "Audio IC" Question..

Hi All,

The replacement IC in question is the LMC662CN, a CMOS IC, which was talked about in Dennis Monticelli and Mitchell Lee's article in QRP Power.

It is available from Radio Shack, by calling 1-800-THE SHACK, and ordering their part number 90-6333, at \$1.39 each. Probably available elsewhere, as well, a Digikey part number at \$2.28 each was included in the article.

72

Wayne NB6M

Date: Fri, 7 Dec 2001 23:56:42 -0500 (EST)
From: n2go@arrl.net
To: IamSF5@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [114233] Re: MP-1 Antenna
Message-ID: <Pine.LNX.4.21.0112072355190.2843-1000000@valhalla.v>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

I think they painted it gray :))

73,

Jim n2go

not do well on
> 80 and 40 meter bands.
> What new changes have been made to the antenna?
> Bob

Date: Fri, 7 Dec 2001 23:46:40 -0500 (EST)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: QRP List <qrp-l@lehigh.edu>
Subject: [114234] W8KC Foxhunt Log
Message-ID: <Pine.OSF.4.21.0112072319520.29974-100000@saturn3.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello everyone,

Here is my log from Thursday night's Foxhunt. An incredible (for me) 66 hounds in the log and a real learning experience.

I very much appreciate the emails from many who enjoyed my operation. Although it was *NOT AT ALL* my intent, as it turned out, my foxhunt was more in the tradition of the hunts from a several years ago. Back then, 66 hounds was quite an achievement :-). I'll correct a crazy operator error I made in the next hunt and we'll see how it goes.

For those that asked, I will try to make a tape recording of the pile-up at this end and put it on the Web. Some of you upcoming foxii may wish to do that too. It's a sound that has to be heard to be believed.

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics.
Visit the Virtual Ten*Tec Museum at:
<<http://www.acs.oakland.edu/~prvalko>>

NUM	TIME	CALL	REPORT	QTH	NAME	POWER
1	02:03	k3ph	599	PA	BOB	5W
2	4	we9k	599	WI	GLENN	5W
3	5	k3iu	599	RI	KEN	5W
4	7	k0evz	599	ND	DOC	2W
5	9	kv4ee	599	SC	CRAIG	5W
6	10	ve3fal	599	ON	FRED	5W
7	12	n3bj	559	VA	ALAN	5W
8	13	w9xu	599	WI	LON	5W
9	15	k4tjd	559	GA	TOM	5W
10	16	wd4msm	599	IN	BARRY	5W
11	19	w2jef	559	NY	JEFF	5W
12	20	n9ij	599	IL	LEN	5W
13	21	w0ufo	559	MN	MERT	5W
14	22	ve5rc	559	SK	BRUCE	5W
15	24	k8cv	599	MI	WALT	5W
16	25	k0frp	599	CO	AL	5W
17	27	kg6cyn	599	WI	TREV	5W
18	28	w0ch	559	MO	DAVE	5W
19	30	n9ww	559	IL	JIM	4W
20	31	k4adi	599	SC	FRANK	5W
21	35	w3zmn	559	WI	CONRAD	4W
22	36	k9is	559	MI	STEVE	5W
23	41	n8vjw	559	MI	JOHN	5W
24	41	w8sff	559	MI	STEVE	5W
25	42	n0ar	559	MN	SCOTT	5W
26	43	wa8bxn	599	OH	MIKE	5W
27	46	va5rf	559	BC	EARL	5W
28	47	n9aw	599	WI	JERRY	5W
29	48	n0ur	579	MN	JIM	5W
30	50	nx8c	559	MI	NEIL	5W
31	51	n3xrv	559	PA	CHRIS	5W
32	53	n0dsp	559	CO	TOM	5W
33	55	af4ps	579	FL	MAC	3W
34	57	kc1fb	559	CT	JIM	5W
35	59	k9dc	559	IN	DAVE	5W
36	03:02	k2odc	589	NY	RON	5W
37	8	n0rc	559	CO	RON	5W
38	9	w5tb	559	TX	DOC	5W
39	10	ve4wi	559	MB	CRAIG	5W
40	12	n1tp	559	FL	TOM	4W
41	15	n9ne	589	MI	TODD	5W
42	16	n1fn	559	CO	ET	5W
43	18	w0hl	559	IL	RANDY	5W
44	19	wv9n	559	OH	RANDY	5W
45	20	ve3jff	599	ON	JEFF	2W
46	22	k4byf	559	FL	JACK	5W

47	24 kv2x	559 NY	TOM	5W
48	25 k0pc	559 MN	PAT	5W
49	27 w8ru	599 MI	RON	5W
50	29 aa5o	559 LA	VERN	5W
51	31 kg4ldy	559 VA	DAN	5W
52	33 nu8s	559 OH	DENNIS	5W
53	34 w0rsp	559 SD	ADE	5W
54	36 kk5ld	559 TX	JIM	5W
55	37 n2ww	559 CO	LARRY	5W
56	39 af4lq	559 KY	MIKE	5W
57	41 k15c	559 TX	GEORGE	5W
58	43 kc0gxx	599 NC	TOM	2W
59	45 w5yr	559 TX	GEORGE	5W
60	46 wb8wtu	559 OH	DENNIS	5W
61	48 k8kfj	599 WV	GARY	5W
62	49 kcoatc	559 CO	CHRIS	3W
63	51 nk9g	599 WI	RICK	5W
64	54 ve6ex	559 AB	DAN	5W
65	58 k9yiz	569 IN	TONY	5W
66	59 k4fb	579 FL	PAUL	5W

Date: Sat, 08 Dec 2001 00:02:01 -0500
 From: David Hinerman <wd8civ@worldnet.att.net>
 To: qrp-l@lehigh.edu
 Subject: [114235] Re: Epson SG-8002
 Message-ID: <3.0.6.32.20011208000201.0079a940@postoffice.worldnet.att.net>
 Mime-Version: 1.0
 Content-Type: text/plain; charset="us-ascii"

At 02:04 AM 12/8/01 +0100, you wrote:
 >The Epson SG-8002 programmable oscillator seems like a good xtal
 >alternative. Anyone experimenting with it and like to share comments? Anyone
 >on the list living in Europe: do you know a reliable source to order the
 >chip (maybe a sample one)?

Lyle Koehler, K0LR, evaluated a couple of Epson modules for RF work (Lyle is an avid LOWfer.) His results are here:

<http://www.cpinternet.com/~lyle/epson/epson.htm>

As I understand it, the Epson modules use a one-time-programmable PLL to generate the desired frequency, and the PLL shows a fair amount of noise in the output. As usual, your mileage may vary.

Dave

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Sat, 8 Dec 2001 05:16:31 -0000
From: "John Lockhart" <jlockj@earthlink.net>
To: <qrp-1@lehigh.edu>
Subject: [114236] Re: TS-120S need help
Message-ID: <007501c17fa7\$82b74780\$ade2313f@minn.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hi Joe,

Some early TS-120S's had transmitter stability problems on 15/10 meters and would break into oscillation.

The Kenwood web site should list the Technical Service Bulletin for this problem. I seem to remember it was a relatively easy to mod to perform.

73,

John W0DC

Date: Sat, 8 Dec 2001 11:55:52 -0600
From: "Mike Malone" <mmalone@worldlogon.com>
To: "Tom" <n1tp@worldnet.att.net>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [114237] Re: To Foxes
Message-ID: <003301c18011\$95b2b1c0\$09f7a7cc@malonefamily>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The point to me is that this is something we do for FUN! The hounds may not

AGREE / LIKE how the fox runs his scheduled hunt or what method or tactic he uses whether "right or wrong" , but I appreciate the 2 hours he took for us to have our FUN. I don't know about the rest of you but I often learn by making mistakes. I have learned a lot from my turns at bat... and I had FUN! When this stuff gets so serious it isn't fun, I turn off the rig and go spend time with my family. You guys go grind your axe about last night's hunt but remember that there is an on off switch on the radio and the computer if you aren't having FUN.

KD5KXF

-----Original Message-----

From: Tom <n1tp@worldnet.att.net>

To: Mmalone <mmalone@worldlogon.com>; Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Date: Friday, December 07, 2001 8:28 PM

Subject: Re: To Foxes

>FOXes & a just some common sense.

>

>Where is John's "great point"? Is the "great point" that FOXes are

>volunteers

>and it's not easy being a FOX?

>

>These conclusions are true, but beside the point. A FOX owes hounds much more than being a FOX. At the very least each FOX owes it to the hounds to:

>

>1. Keep order by WORKING SPLIT and leading the pack away from

> the FOX's transmitting freq. All good FOXes do this. Good hounds

>(the vast majority) know exactly where the FOX worked the preceding QSO.

Most

>hounds tend to call just inside the preceding Hound's frequency unless the hounds realize

> that the FOX is not going to call any closer to his transmitting freq.

>

> Order breaks down only after the hounds realize there is no order.

>

> Always transmit the hound's call at the beginning and at the end of the FOX's

> transmission to each hound.

>

> 2. Don't waste time transmitting re any unnecessary information.

> For example, requesting a fill for a signal report is a total waste of

>time.

> Hounds are standing by and the FOX is sending "Rpt?" GEEEEEEZE!

>
>
>Tom, N1TP
>Naples, Florida
>
> * * * * *
> John, that is a great point! Those of you that haven't "been there" need
>to
> give it a try and see how you fare. I feel like a frog on the freeway
when
> I play truffle or cub fox. I can only imagine what the Thursday night
> feature sounds like on the fox end. And to you guys who give us that fun
> every week, thank you !!!
>
> KD5KXF
>
> Easy boys.
>
>Unless you've been there, you have no idea how crazy these fox hunts
>are.
>
>Let's not forget that the fox is trying to copy stations using 5w or
>less of power in the middle of the disaster that is 40m. Keeping the
>pack 1Khz away sounds like a good idea, until a QRO QSO starts taking
>place there - then what?
>
>It's tough going and it's a lot of work. It's also fun, if you're into
>that kind of thing.
>
>I've read a lot of criticisms here tonight - some of may not sit so well
>in the lap of the person who just spent two hours trying to hand out
>fox pelts" to you guys. Think about that. Someone took two hours of
>their day that could have been spent doing something else to give us all
>a little radio excitement... how 'bout saying THANKS?!
>
>73 de John, N1QO
>
>* * * * *
>
>With a good Fox you never have a problem hearing him even if weak
>because the pack is 1000 HZ away.
>
>With a bad Fox the pack is on top of him and the Hounds and the
>Fox can not hear anything well. I can't tell any Fox what to do except
>myself. But if all the Foxes try these simple things it should make Fox
>Hunting a lot more fun. We have a LOT more Hounds!
>
>Yours Truly,

> Karl F. Larsen,
>>
>

Date: Sat, 8 Dec 2001 00:49:21 EST
From: IamSF5@aol.com
To: n2go@arrl.net
Cc: qrp-1@lehigh.edu
Subject: [114238] Re: MP-1 Antenna
Message-ID: <18c.1a3211.294303e1@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 12/7/01 11:38:06 PM Eastern Standard Time, n2go@arrl.net writes:

<<
I think they painted it gray :))

73,

Jim n2go

>>
Thanks for all the help Jim.
Now do you think you can tell me what brand of gray paint is used?
Bob
WA2HQrp <tm>

Date: Sat, 08 Dec 2001 01:06:28 -0500
From: Paul Womble <pwomble1@tampabay.rr.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [114239] Re: MP-1 Antenna
Message-ID: <3C11ADE4.BD447320@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Spray

IamSF5@aol.com wrote:

>
> Now do you think you can tell me what brand of gray paint is used?
> Bob
> WA2HOQrp <tm>

Date: Sat, 8 Dec 2001 00:16:48 -0600
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [114240] Fox -- AG0T, Your 12/11 Cub Fox...
Message-ID: <200112080616.AA00468@bolshoi.cc.misu.nodak.edu>
Content-Type: text/plain
Mime-Version: 1.0 (NeXT Mail 4.2mach_patches v148.2)

Calling all hounds... Calling all hounds...

From the frozen white prairies of North Dakota, AG0T will rouse from his comfy den to sally forth as your Cub Fox Tuesday night, 12/11, starting at 8:00PM CST (0200Z 12/12 GMT, 9:00PM EST, 7:00PM MST, 6:00PM PST). I shall occupy the field around 7.055 MHz (+/- QRM), and will be working up 1-2+ KHz at the start of the evening's festivities. My exchange will resemble the following:

N1XYZ 559 ND TODD 4W N1XYZ <BK>

If I copy your info OK, I'll send "TU" or "TU DE AG0T FOX", depending on how big the pile is. If I need a fill, I'll send RPT/SPC/NAME/PWR ? <BK>, or "N1XYZ AGN ? <BK>" if I missed the whole shebang. PLEASE NOTE: The *ONLY* time I'll be sending anything with "?" is if I'm asking for a fill. PLEASE DON'T ALL JUMP IN AT ONCE IF I SEND "?". :-)

I'm going to do my level best to thin the pile early. If you don't have RIT or are not equipped to work split, try to spot yourself on the high side of my TX as far as you can, and still be able to copy me. I won't work any closer to my TX than about 1 KHz until I can thin out the pack. If you can't spot yourself that far away, please be patient, and let me clear the pile. When things die down, I *will* work closer to my TX, traffic permitting, as I want to give everyone a chance at a pelt. Sit back and listen for me to start working closer to my TX. If things slow to a crawl later in the hunt, and I'm calling CQ FOX to drum up business, I'll take you wherever you are, but if business picks up, I'll start working up 1+ KHz again.

I'll be running 4W to a Butternut HF-2V vertical from a homebrew TX. A vintage R-390A will handle the RX duties. I can (and will) work up from my

TX as far as I need to, so please spread out. :-) I'll be sending around 10-15 WPM, but will be happy to slow down for anyone that needs me to. Just call at a speed you're comfortable with, and I'll do my best to match it.

So, come one, come all, and get yourself a nice fox pelt to keep yourself warm on a cold winter night! :-)

72/73,

Todd, AGOT

Date: Sat, 08 Dec 2001 01:17:44 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [114241] Re: Isotron Antennas
Message-ID: <3.0.6.32.20011208011744.0079b850@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Got this message from Ron, W2WU and since I'm not going to track who has an Isotron and if it works for them or not, figured I best forward it to the list. Don't know the guy or why he might want to evaluate your Isotron. Guess you could ask him and find out...

>

>Steve:

>I'd like to evaluate any Isotron not performing for any member. Please

>have them contact me at <mailto:w2wurjj@verizion.net>

>Thank you can't post message directly ... but RCVING messages. 73 >Ron

>W2WU

>

BTW, for what it's worth, I've now gotten out as far as KY and IN with the 160M jobbie. Blows me away for something 2 ft in dia and 15 ft off the ground! I really didn't think it was possible. Did I mention those guys got good ears? So far everyone's given me a 599 report too <G>..

72,

Steve, KD1JV

"Melt Solder"

White Mountains of New Hampshire

<http://www.qsl.net/kd1jv/>

Date: Sat, 08 Dec 2001 01:19:49 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu

Subject: [114242] Att K5QLF
Message-ID: <3.0.6.32.20011208011949.0079d320@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Fred,
Accidently deleted your email, please send me another.

72,
Steve, KD1JV
"Melt Solder"
White Mountians of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Sat, 8 Dec 2001 01:48:04 EST
From: IamSF5@aol.com
To: pwomble1@tampabay.rr.com
Cc: qrp-L@lehigh.edu
Subject: [114243] Re: MP-1 Antenna
Message-ID: <17b.6473d8.294311a4@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 12/8/01 1:08:18 AM Eastern Standard Time,
pwomble1@tampabay.rr.com writes:

<<
Spray

IamSF5@aol.com wrote:

>
> Now do you think you can tell me what brand of gray paint is used?
> Bob
> WA2HOQrp <tm>
>>
I didn't say how to paint it I said what BRAND of paint
WA2HOQ

Date: Sat, 8 Dec 2001 05:40:00 -0500

From: "JOSEPH PIRKLE" <ad4ih@worldnet.att.net>
To: <colcal@srv.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [114244] Re: YF licensed- Re: [114200] Re: 80 osc/transmitter
Message-ID: <007401c17fdc\$363a2f00\$8b904d0c@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Francis Callahan" <colcal@srv.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, December 07, 2001 08:27 PM
Subject: Re: YF licensed- Re: [114200] Re: 80 osc/transmitter

| It is also easier to buy more equipment without a hassle 72 Cal KF7ET
| misplaced Vermonter in Idaho

<<snip>>

It just don't work that way! Now I can't BS her about how badly "I can't
get along without it."

AD4IH, who is married to WD4BEK

Date: Sat, 08 Dec 2001 12:53:24 +0100
From: DK3RED@t-online.de (Ingo, DK3RED)
To: QRP-L <qrp-l@lehigh.edu>
Subject: [114245] Re: MP-1 Antenna
Message-ID: <3C11FF34.5E33949C@t-online.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Bob,

> I remember not long ago a few people told me that the MP-1 did not do well on
> 80 and 40 meter bands.
> What new changes have been made to the antenna?

The MP-1 in the basic version work very well here on the balcony with the feedpoint only 3 meters up from 40 (!) to 10 meters. 10 meter is the upper frequency end of my transceivers, so I can not say about the work over 10 meters. Station here K2 @ 5W (and other SW rigs).

Do you need exemples on 40 meters here from Germany? Complete Europe without problems at all times. W2, W4, UA9 on a lazy Saturday morning. For 80/75 meters you will need the option coil. I do not use the coil, but I see the detail info on the homepage from Superantennas (www.superantennas.com).

Give the MP-1 a chance and you will they no give back. ;o)

P.S. My black colored MP-1 work good, so I do not want a gray one. ;o))
(Note: The gray ones are a special edition for the Elecraft gang.)

--

72/73 de Ingo, DK3RED (Don't forget: the fun is the power !)
dk3red@t-online.de - www.qsl.net/dk3red - www.t-online.de/~dk3red

Date: Sat, 8 Dec 2001 06:01:23 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: "Ingo, DK3RED" <DK3RED@t-online.de>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [114246] Re: MP-1 Antenna
Message-ID: <Pine.LNX.4.33.0112080558590.1353-100000@cannac.fun>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Another serious problem with the MP-1 is that if the elevated coil falls over it may bend the cone that slides over the coil. Then you can't adjust it any more. It's trash.

On Sat, 8 Dec 2001, Ingo, DK3RED wrote:

> Hello Bob,
>
> > I remember not long ago a few people told me that the MP-1 did not do well on
> > 80 and 40 meter bands.
> > What new changes have been made to the antenna?
>
> The MP-1 in the basic version work very well here on the balcony with the
> feedpoint only 3 meters up from 40 (!) to 10 meters. 10 meter is the upper
> frequency end of my transceivers, so I can not say about the work over 10
> meters. Station here K2 @ 5W (and other SW rigs).

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Sat, 8 Dec 2001 07:55:39 -0800
From: "Dave Benson" <nn1g@earthlink.net>
To: <kd1jv@moose.ncia.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [114247] Re: AMAZING!
Message-ID: <003301c18000\$c94ce660\$eceed73f@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If y'all missed the 160M Sprint last Wednesday (guilty!), this evening will be a really good time to check out 160M with the contest on this weekend.

My wife is not going to be impressed when she gets up this morning and notices the extra coax, an SWR bridge and the funky L-network on the back porch railing. Or the ground radials which skitter across the lawn and into the woods in several directions.

I'm working my 80M dipole against those radials and it seems to work fairly well. No DX here either- out to OH and VA so far- but having no trouble working stations at 5 watts.

73- Dave

-----Original Message-----

From: Steven Weber <kd1jv@moose.ncia.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
..

I didn't really expect anyone to hear me with this 160 M Isotron thingie, but these guys must really have good ears! I'm impressed - with thier abilities, not mine :-) I'm sure they'd be impressed too, if they know the kind of set up they just worked!

<snip>

Date: Sat, 08 Dec 2001 03:20:25 -0500
From: Pete Burbank <plburbank@kih.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [114248] Re: Isotron Antennas
Message-ID: <5.0.2.1.0.20011208024923.00ad3e60@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Dear Gangue,
I'm always interested about antennas. This one is really strange looking
and was curious
about the theory behind it.
Did a search on Google and got mixed reports about performance .
Any info is appreciated, not that I need one but info keeps the brain
moving along.
73 Pete NV4V
"Warm and dry in the engine room"

Date: Sat, 8 Dec 2001 05:54:45 -0800 (PST)
From: Bill ROWLETT <kc4atu@yahoo.com>
To: n1tp@worldnet.att.net,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [114249] Re: To Foxes
Message-ID: <20011208135445.45895.qmail@web14201.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Working a Fox hunt is the same as working DX. The hunt
is run to improve our skill at working a pile-up, be
it DX or during a contest. This is not run to be an
easy little operating event. Those who complain about
the way a Fox runs do not understand the real meaning
of the whole thing. To get the pelt takes work, for
you the hound and the fox. It is not a cake walk on 40
meters.

With fills, you are not on his end so you do not know
what he is trying to copy through.

The Fox is there for you, so grow up and thank the
man, because he does it for you.

73

Bill KC4ATU

Do You Yahoo!?
Send your FREE holiday greetings online!
<http://greetings.yahoo.com>

Date: Sat, 08 Dec 2001 09:03:56 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: thomasr2@gdls.com, qrp-1@lehigh.edu
Subject: [114250] Re: DCTL woes (now N4RT Windom)
Message-ID: <3C121DCC.4BE93E37@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>
> I intend to put it on the DCTL and check it out. The DCTL did work, but
> not as well as I'd hoped. I know it is resonant somewhere near the bottom
> end of 40 meters, unless the formulas are really bogus.

>
In fact antenna resonance is a much more complex issue than just
plugging numbers into a formula. All the formulas make assumptions
about what the antenna is made of and where it is installed. Generally,
the largest effects on antenna resonance are height above ground and
proximity of large objects in the antenna's near field. Before you say
that a formula is BOGUS, please be sure you are using it correctly!

73

Date: Sat, 08 Dec 2001 09:09:45 -0500
From: Dave Gingrich K9DC <gingrich2@dcg.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [114251] Re: To Foxes
Message-ID: <5.1.0.14.2.20011208090752.027895d0@172.22.1.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 05:54 12/8/2001 -0800, Bill ROWLETT wrote:
>Working a Fox hunt is the same as working DX. The hunt
>is run to improve our skill at working a pile-up, be
>it DX or during a contest.

After all it's called a Fox HUNT, not a Fox NET

=====
Dave Gingrich, K9DC - Indianapolis, Indiana USA
K2 #2211, K1 #931, QRP-L #2376, ARS #1109, CCIE #6748
=====

Date: Sat, 8 Dec 2001 06:17:58 -0800
From: "Dan Trigilio" <danjt@cruzio.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [114252] OT: FT-902DM AGC Problem
Message-ID: <001101c17ff3\$26a96260\$2564f93f@n1dtscomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sorry for the OT subject. I recently received an very nice FT-902DM(very nice receiver) All seems well except that in the AM mode the audio is almost nil when the AGC is turned on either fast or slow. When the AGC is turned off the AM signal can be heard. When the AGC is turned on the S-Meter responses to the signal but the audio is all but gone, you can hear some audio if you turn up the volume all the way up. There seems to have been some mod done to the IF board but not in the AGC path. The AGC works great in all other modes. I don't use AM but I would like to have it fully functional. Any thoughts by anyone who has owned or used a FT-902DM or FT-901DM rigs would be great.

GL es 73, Dan W6DAN
Capitola, CA

Date: Sat, 08 Dec 2001 09:55:07 -0500
From: "E. Roswell" <eroswell@monmouth.com>
To: qrp-1@Lehigh.EDU
Subject: [114253] Smart Battery Chargers
Message-ID: <3C1229CB.27590DAC@monmouth.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For those looking for the oft-posted smart battery charger: the cited vendor - Amateur Radio Wise - is going out of business, and has no more units. However, the mfr, A&A Engineering, has their new web site up at: <http://www.a-aengineering.com/home.htm>
They also offer a QRP+ wattmeter.
73, Ed,
K2MGM.

Date: Sat, 8 Dec 2001 09:58:50 -0500
From: "Charles Mabbott" <crmabbott@mediaone.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [114254] RE: MP-1 Antenna
Message-ID: <GAECLOGOMILPLBGKKPEGEECKDBAA.crmabbott@mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I have a write up on PW 1 and it is very similar to MP 1, the major difference is the components go in the coil on MP 1 but characteristics about the same. Will take some time to load, I have pictures of my setup.

<http://aa8vs.dhs.org:81/aa8vs/pw1.htm>

The same article is in the following Bacon bits
<http://www.fpqrp.com/bb0601.pdf>

73 oo
Chuck AA8VS

-----Original Message-----
From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On

Behalf Of
Ingo, DK3RED
Sent: Saturday, December 08, 2001 6:53 AM
To: Low Power Amateur Radio Discussion
Subject: Re: MP-1 Antenna

Hello Bob,

> I remember not long ago a few people told me that the MP-1 did
not do well on
> 80 and 40 meter bands.
> What new changes have been made to the antenna?

The MP-1 in the basic version work very well here on the balcony
with the
feedpoint only 3 meters up from 40 (!) to 10 meters. 10 meter is
the upper
frequency end of my transceivers, so I can not say about the work
over 10
meters. Station here K2 @ 5W (and other SW rigs).
Do you need examples on 40 meters here from Germany? Complete
Europe
without problems at all times. W2, W4, UA9 on a lazy Saturday
morning. For
80/75 meters you will need the option coil. I do not use the coil,
but I
see the detail info on the homepage from Superantennas
(www.superantennas.com).

Give the MP-1 a chance and you will they no give back. ;o)

P.S. My black colored MP-1 work good, so I do not want a gray one.
;o))

(Note: The gray ones are a special edition for the Elecraft gang.)

--

72/73 de Ingo, DK3RED (Don't forget: the fun is the power !)
dk3red@t-online.de - www.qsl.net/dk3red - www.t-online.de/~dk3red

Date: Sat, 08 Dec 2001 10:34:19 -0500
From: "William K. Harding" <k4ahk@ix.netcom.com>
To: NoVaQRP Group <NoVaQRP@topica.com>,
"qrp-l mail" <qrp-l@lehigh.edu>, elecraft@qth.net
Subject: [114255] NoVaQRP Tilt-Up Feet Offer Cancelled
Message-ID: <E16CjTt-0000HK-00@hall.mail.mindspring.net>

Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

The Northern Virginia QRP Group, NoVaQRP, announced by QRP-L and the Elecraft list the availability of Tilt-Up Feet kits for the K1. Shipments were scheduled to begin on December 10.

A significant minimum order is required by the supplier of the feet. Success of the kit offer was based on selling at least 140 kits. We have received 14 orders. Only 10 kits have been reserved by people outside of our own club.

Because of the lack of orders received, we must cancel the Tilt-Up Feet Kit project. No further orders will be accepted and money received will be immediately returned to those who ordered kits.

We are very sorry that the project is cancelled. Please contact me direct if you need additional information.

Bill Harding - K4AHK
e-mail: k4ahk@ix.netcom.com

Date: Sat, 08 Dec 2001 16:45:57 +0100
From: DK3RED@t-online.de (Ingo, DK3RED)
To: QRP-L <qrp-l@lehigh.edu>
Subject: [114256] Re: MP-1 Antenna
Message-ID: <3C1235B5.529367FF@t-online.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Karl,

> ... if the elevated coil falls
> over it may bend the cone that slides over the coil. ...

Have you ever seen a real MP-1 before? There is only one coil sitting on the base rod. The slider is a solid aluminium pipe. And the slider pipe will cover the coil on the thick plastic pipe.

Karl, you are a body builder? I can not bend both pipes with my thin arms. If I want to knock a nail in the wall, so I use a hammer and not the MP-1.

Bob, go to an other owner and see the MP-1 with your own eyes. Or make a

test with this fine antenna at the next QRP meeting in your area.

--

72/73 de Ingo, DK3RED (Don't forget: the fun is the power !)
dk3red@t-online.de - www.qsl.net/dk3red - www.t-online.de/~dk3red

Date: Sat, 8 Dec 2001 09:53:56 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: "Mike Lyness, AF4LQ" <olyellr@iglou.com>
Cc: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Low Power Group <qrp-l@LeHigh.EDU>
Subject: [114257] Re: AVG OK?
Message-ID: <Pine.LNX.4.33.0112080937210.32726-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello everyone...you may have read that I was having a lot of trouble trying to install the AVG anti-virus free edition program on my computer...this was certainly affecting my pursuit of the wonderful world of QRP (and I have to admit gladly that QRP is what I mostly do now) so here's an update in case you run into this problem...simply, I would download the AVG program, run the setup and it would not open the anti-virus program but instead it would ask me if I wanted to install Spectrogram...

Hi Mike...nice to hear from you...well life is very busy for me lately but I did manage to work away at the AVG problem...several ops e-mailed me various ideas and I tried them all but no success...a few days ago I e-mailed AVG with a description of the problem...two days later they e-mailed me back with the answer...the problem is a bug in Winzip...for some reason Winzip was "holding onto" a command line which told it to ask me if I wanted to install Spectrogram or not...

...so last night, I took the plunge and (there were 2/3 suggestions from AVG) renamed the avg6303fu.exe to avg6303fu.zip...Winzip warned me that I might have trouble with the renaming but I ran Winzip anyway figuring I had nothing to lose ...the program started to work finally and I was able to enter the serial number and set things up...I ran AVG looking for viruses and it found 1 infected file with I-Worm/Badtrans so now I'll have to find out what to do with that; wipe it out I mean...also after looking at a whole bunch of files the AVG program just stopped so it never got to the automatic healing...

...so that's where I'm at so far; some progress but still some questions to answer...I appreciate your help on this Mike and the others who replied to my e-mail...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Sat, 8 Dec 2001 09:21:48 -0700
From: "Roger Hightower" <n7kt@worldnet.att.net>
To: "qrp list" <qrp-l@lehigh.edu>
Subject: [114258] FS: I.C.E Bandpass Transeiving Filters
Message-ID: <000901c18004\$71259f00\$2147530c@hppav>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Industrial Communications Engineers bandpass transceiving filters (set of 4).

Model 405 - 7.0-7.3 Mhz
Model 407 - 14-14.35 Mhz
Model 409 - 21.0-21.45 Mhz
Model 411 - 28-29.7 Mhz

All are 200W, 50 Ohms, non-polarized.

"Use bandpass filters in multi-transmitter setups where interference between closely spaced stations is a concern, or anytime that peak single band performance is required. They're especially suitable for Amateur Radio Field Day use or competition operation" (From the manual)

These are the same type filters used by N4BP and K7RE in their contest operations.

\$120.00 plus shipping for all.

If interested, pse reply to address below.

Thanks/73...Roger

Roger Hightower, N7KT
Mesa, AZ
mailto:n7kt@att.net

Date: Sat, 8 Dec 2001 09:39:32 -0700
From: "Steve Thompson" <steve@xcvr.com>
To: <qrp-1@lehigh.edu>
Subject: [114259] Enclosure Tins/ "IT"
Message-ID: <200112080939.AA152240346@xcvr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

There was a really great posting here a couple weeks ago about "IT" ... I think it stood for "Interesting Tins" ... or maybe "Incredible Tins" ... or ? Anyways, it was a well written piece that encouraged us to take advantage of the holiday season and look for alternative enclosures in the form of candy tins, etc.

"HOT WHEELS" TINS

I went to Target this morning and found some neat tins. The selection is incredible. They've got a "Hot Wheels" tin that is round, like the Hot Wheels "wheel", and is about 5 inches in diameter. It is "lunch box style" with a handle and base to sit upright, and a latch on top to keep the lid closed. I think it was \$3.99. What a great enclosure for the Tuna Tin 2 I'm getting ready to build! You can see pics of my Hot Wheels tin at:

<http://www.xcvr.com/images/HotWheels1.jpg>
<http://www.xcvr.com/images/HotWheels2.jpg>

TONKA TINS

Now, if you've got little critters running around the house like I do, then you've probably seen a few Tonka trucks. Here is a great way to build a set of "Tonka" QRP equipment ... see:

<http://www.xcvr.com/images/Tonka1.jpg>
<http://www.xcvr.com/images/Tonka2.jpg>
<http://www.xcvr.com/images/Tonka3.jpg>

I have included the "standard" Altoids tin for a size comparison. These Tonka tins are slightly larger than the Altoids' ... perfect for that project that wouldn't quite fit into the Altoids enclosure. Target has three varieties of Tonka tins: A Front Loader, a Dump Truck, and a Concrete Truck; they're all the same size.

I bought all three Tonka tins (I think they were \$2.99 each), and figured one could house an SST, one a NorCal BLT Tuner, and the other perhaps a keyer ... or

maybe even a set of rechargeable batteries to act as a power pack. Let your imagination do the work.

72,
Steve N7TX
Irving, TX

Date: Sat, 8 Dec 2001 11:46:15 -0500
From: "Marty N5NW" <n5nw@onebox.com>
To: "QRP" <qrp-1@lehigh.edu>
Subject: [114260] Re: To Foxes
Message-ID: <LNBBKNIEENMHNOLILCLGKECCDCAA.n5nw@onebox.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang:

Disclaimer: I haven't participated in a single fox hunt since it took on the contest flavor, what, 4 years ago or so?

However, I have been the DX (Albania, June 2000). The fact of life is that the station being sought controls the pileup. You want the contact, you have to uncover his rules (or lack thereof) of pileup management. If you don't like the way the DX/fox is managing the pile, then find another pile to break. Nobody forcing you, you know.

Frankly, the DX/fox is under no *obligation* to manage the pileup at all. If I called for US only and got an Italian station calling me (a frequent occurrence), the Italian didn't get a contact. Period. Not even when I called for Italy. That's probably not nice. But when I'm being called, I get to set the rules. I don't need Italy. Italy does need Albania. Therefore, I'm in the driver's seat.

Probably not much help. Sorry for that. When foxes begin working for rate

(the contest term!), then some hard-fought previously experienced lessons accurately pointed out by Karl will make all the difference in improving rate, and result in better pileup management (with "better" defined as more rate!). With a two hour time window, I would have thought rate was king (from the perspective of the fox), but apparently not.

Karl's points are valid. It's up to the fox/DX group to adopt them -- and up to Karl (and each of *us*) to participate or not if the fox does not adopt them!

73 de N5NW/8
Marty
Dayton, Ohio

Date: Sat, 8 Dec 2001 11:59:10 -0500
From: "Joe W2KJ" <w2kj@earthlink.net>
To: "qrp-l" <qrp-l@lehigh.edu>
Cc: <Clif@aavid.com>
Subject: [114261] TS-120S problems-SUCCESS
Message-ID: <01b601c18009\$a8bcefe0\$46d8b23f@cdcvh01>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Fellow QRP'ers:

Shortly after sending my earlier posting about finding several mods for the TS-120S, I received an email from Cliff at Aavid.

A QRP-L list member had sent me Cliff's web address for his business.

Cliff's business is repairing Kenwood/Icom products and is an authorized repair center.

Cliff advised me to simply loosen and re-tighten the mounting screws for the RF board.

Amazingly, this did the trick!! I had cleaned every connector on the radio but hadn't thought about reseating PC board mounting screws. You live and learn.

I want to personally thank Cliff here on the QRP-L for his generosity in providing the info for me. THANK YOU CLIFF.

Instead of making money on this repair problem he unselfishly enabled me to do the simple fix myself.

I will be taking the TS-120S to my amateur radio class for the middle school kids next week and let them make HF contacts with it (with me as control operator of course).

I had hoped to demonstrate to the kids that ham gear doesn't have to cost a gazzilion dollars and that bargains can be found at hamfests.

This bargain caused me a few other problems that I was able to overcome but Cliff's info saved the day overall!!

If I ever have problems with any used Kenwood or Icom equipment, I know where I'll go for repairs now.

73, Joe W2KJ

Date: Sat, 8 Dec 2001 12:01:36 -0500
From: "Joe Trombino" <w2kj@earthlink.net>
To: "qrp-l" <qrp-l@lehigh.edu>
Cc: <Clif@aavid.com>
Subject: [114262] Re: TS-120S problems-SUCCESS
Message-ID: <01c601c18009\$ffdb2ee0\$46d8b23f@cdcvh01>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Fellow QRP'ers:

>

> Shortly after sending my earlier posting about finding several

> mods for the TS-120S, I received an email from Cliff at Aavid.

>

> A QRP-L list member had sent me Cliff's web address for his

> business.
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> authorized repair center.
>
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> screws for the RF board.
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> overcome but Cliff's info saved the day overall!!
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> equipment, I know where I'll go for repairs now.
>
>
>
73, Joe W2KJ
>
>
>
>
>
>

Date: Sat, 08 Dec 2001 17:14:01
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [114263] Audio Phase Shift Network
Message-ID: <F38Q0lHVvrATPb35orJ000119e2@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Any of you all have any experience building audio phase shift networks for SSB?

I am looking through the HA5WH network idea published in the ARRL handbooks and also the analysis by W9CF in QEX (Aug. 1994). The HA5WH design uses all one value resistor throughout the network. W9CFs analysis includes a table of "f" values for each network section in an n order network up to order 8 and for various upper and lower frequency bounds. While it is clear that the components within a section must be as identical as possible, it is not clear whether it is important that the resistor values be held constant from section to section. Am I correct that the R values can be shifted around from section to section as long as the f value for each section are close to the optimal values?

Regards,

Brad KG6IOE

Link to W9CF article:

<http://fermi.la.asu.edu/w9cf/articles/phase.pdf>

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Sat, 08 Dec 2001 11:16:49 -0600
From: "George, W5YR" <w5yr@att.net>
To: w2kj@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [114264] Re: TS-120S problems-SUCCESS
Message-ID: <3C124B01.F2035FD5@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Joe, I am not surprised that Clif came through with the winning solution. He is among the very best in the country.

Incidentally, your account reminded me of a similar problem I recently had with my dual-trace oscilloscope. One day, the traces simply vanished! One second the scope was operating, the next second - no visible traces.

Took the cover off thinking I might find something physical like a fuse and/or something obvious but everything was on complex multi-layer boards, etc. So, as a precaution I started tightening every board mounting screw that I could reach. Put the cover back on in preparation for taking it in to be repaired, and decided to check "one more time."

Sure enough the scope fired up and has been perfect ever since!

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe SOC 262
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Joe W2KJ wrote:

> Cliff advised me to simply loosen and re-tighten the mounting
> screws for the RF board.
>
> Amazingly, this did the trick!!

Date: Sat, 8 Dec 2001 12:46:17 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: <johan_smet@pandora.be>
Subject: [114265] Re: Epson SG-8002
Message-ID: <00f601c18010\$3ff77aa0\$010044c0@chartermi.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The SG-8002 is a pretty nice part, partly because they are so easy to get on this side of the pond. DigiKey will ship them all programmed the same day if you call before about 6 PM and they are only around 3 U.S. dollars. I have no idea about a European source.

There are a couple of caveats, tho. First, as someone mentioned, there is a little phase noise which could be a problem in some applications.

Fortunately, they are available up to some pretty high frequencies, so in many applications you can just order double the frequency and divide it. You're still talking way less dollars than a crystal and an oscillator for it.

Secondly, and a little more subtle, they are not available for any frequency and they cannot be 'pulled' at all. You can order any frequency you want and the result will be within a few parts per million of the frequency you requested. But in the HF region, that's quite a few Hz. So if, for example, you ordered 2 15 meter parts 700 Hz apart, the result may turn out to be 200 Hz apart or something like that. You really need to talk with the supplier who will program the part, they can tell you precisely what frequencies you will end up with and generally you can work around this problem. I know of no source on the web that allows you to determine ahead of time what frequency the thing can be programmed for. Of course, in most cases, a few hundred Hz doesn't matter.

I use them quite a bit, they are very handy. But as I said, a call to DigiKey Monday afternoon will have one waiting for me when I get home from work on Wednesday. Might not be so handy in Gent.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Johan Smet" <johan_smet@pandora.be>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, December 07, 2001 8:04 PM
Subject: Epson SG-8002

> Hi gang,
>
> The Epson SG-8002 programmable oscillator seems like a good xtal
> alternative. Anyone experimenting with it and like to share comments?
Anyone
> on the list living in Europe: do you know a reliable source to order the
> chip (maybe a sample one)?
>
> 72/73,
>
> John ON5EX
>

Date: Sat, 08 Dec 2001 13:17:36 -0500
From: Jim Stafford <w4qo@amsat.org>
To: qrp-l list <qrp-l@lehigh.edu>, qrp@qth.net,
fpqrp <fpqrp-l@mpna.com>, atrail-l@lehigh.edu,
Cc: QRP Action Team <qrp@topica.com>,
QRP ARCI Operations Team <qrp@topica.com>,
Subject: [114266] [CLUB] QRP ARCI - Time to renew?
Message-ID: <3C125940.2C22A824@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Folks on lists related to QRP (if your club has a list that's not included in the To section above, please forward to your club list - thank you),

Let me take this time to remind you that if your subscription has expired, you still have time to renew and receive the January issue of the QRP Quarterly. To check your subscription status, go to: <http://www.qrparci.org/lookup.html> and put in your callsign or old callsigns (if you joined under an old call). You'll then see your status. We'd appreciate your continued support. BTW we'd like to know when you change address and we'd like to keep your email current. Send these changes as they occur to either to Mark Milburn - see later in this message for his email. That applies even if you don't wish to subscribe - if you're a member, we'd like to keep track of where you are - qth and email-wise.

If you are not now a member, why not consider joining? We just signed up our 11,000 member! Help us get to 12,000. Check out the benefits at the club website: <http://www.qrparci.org> and click on the circuit picture for full info. Joining new or renewing, you may complete your transaction via PayPal: <http://www.qrparci.org/us2signup.html> If you have any difficulty using PayPal, send me an email. It's \$15 per year US, \$18 Canada, \$20 elsewhere.

One last thing - we apologize for the lateness of the October issue. We promise to get back on track in the coming quarters. All the stuff gets developed and organized by volunteers and sometimes we have other things to do above QRP. I know, it's hard to believe anything could come before QRP!!! If you are a current subscriber and have not received your October issue, stand by another week or so. If in the end, it's missing, we have a mechanism to get you a replacement copy from our warehouse. Just send an email after Christmas to Mark Milburn, mark.milburn@juno.com, and he'll do right by you.

Y'all have a happy holiday season and remember QRP DXCC in 2002!!!

>From balmy Georgia,

Jim Stafford, W4Q0@arrl.net 770-993-9500

President - QRP

ARCI <http://www.qrparci.org>

Chief Op: <http://www.w4qo.com>

My local

QRP club: <http://www.nogaqrp.org>

Date: Sat, 8 Dec 2001 11:32:23 -0700

From: "Roger Hightower" <n7kt@worldnet.att.net>

To: "qrp list" <qrp-l@lehigh.edu>

Subject: [114267] Re: I.C.E Bandpass Transeiving Filters

Message-ID: <001101c18016\$aed03100\$c947530c@hppav>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

The filters have been spoken for. Thanks.

73, Roger

Roger Hightower, N7KT

Mesa, AZ

mailto:n7kt@att.net

Date: Sat, 8 Dec 2001 13:35:44 -0500

From: "Tom" <thom2@worldnet.att.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [114268] Question on How to Measure Power Output

Message-ID: <000601c18017\$724656a0\$c1dd580c@1xjhu>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi all,

I have a question on how to measure power output from my transmitter using a scope.

First off, should I be connecting the scope's probe directly to the antenna jack?

Secondly, is there a formula to use to convert the voltage shown (sine wave) to power?

I'm not concerned with measuring frequency at this point, just the power output.

Thanks in advance for your help

Tom McCulloch, WB2QDG

Date: Sat, 08 Dec 2001 18:42:26 +0000
From: Arthur Moe <kb7ww@uswest.net>
To: thom2@worldnet.att.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [114269] Re: Question on How to Measure Power Output
Message-ID: <3C125F12.B86FBAB0@uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Try this
<http://www.easystreet.com/~w7zoi/power.html>

Tom wrote:

>
> Hi all,
> I have a question on how to measure power output from my transmitter using
> a scope.
>
> First off, should I be connecting the scope's probe directly to the
> antenna jack?
>
> Secondly, is there a formula to use to convert the voltage shown (sine
> wave) to power?
>
> I'm not concerned with measuring frequency at this point, just the power
> output.
>
> Thanks in advance for your help
>
> Tom McCulloch, WB2QDG

Date: Sat, 8 Dec 2001 11:43:43 -0700
From: "Rod N0RC" <rod@n0rc.com>
To: <thom2@worldnet.att.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [114270] Re: Question on How to Measure Power Output
Message-ID: <004101c18018\$45028cd0\$815cb6c7@c919125b>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Tom, et.al.

----- Original Message -----

From: "Tom" <thom2@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, December 08, 2001 11:35 AM
Subject: Question on How to Measure Power Output

> Hi all,
> I have a question on how to measure power output from my
transmitter using
> a scope.
>

Wes Hayward prepared an article on this topic. It is posted on his
website:

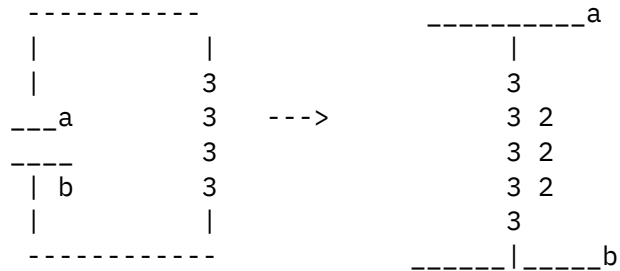
<http://www.easystreet.com/~w7zoi/power.html>

Happy Holidays
73, Rod N0RC
Ft Collins, CO

Date: Sat, 8 Dec 2001 10:49:16 -0800 (PST)
From: Fernando Quinones <nf6q@yahoo.com>
To: plburbank@kih.net,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [114271] Re: Isotron Antennas

Message-ID: <20011208184916.81409.qmail@web10805.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hello.. I believed it to be something like this:
Take a tank circuit and separate the capacitor
plates like so:



The coil is number 3, add a link (2). Connect line
to link. Vary the distance between plates (a,b),
vary the size of the plates and the number
of turns of coil (3).

All this is from memory, I have a antenna link
at my office bookmarks. Will post the link on Monday.
Perhaps some more knowledgeable person can
clear it up.
enjoy

--- Pete Burbank <plburbank@kih.net> wrote:
> Dear Gangue,
> I'm always interested about antennas. This one is
> really strange looking
> and was curious
> about the theory behind it.
> Did a search on Google and got mixed reports about
> performance .
> Any info is appreciated, not that I need one but
> info keeps the brain
> moving along.
> 73 Pete NV4V
> "Warm and dry in the engine room"
>

=====
73's Fernando NF6Q
San Jose,CA.
CCA #01187; K2 #2330 (in it's infancy)
<<http://www.geocities.com/nf6q>>

Do You Yahoo!?
Send your FREE holiday greetings online!
<http://greetings.yahoo.com>

Date: Sat, 08 Dec 2001 18:47:28 +0000
From: Dan Robbins <kl7y@alaska.net>
To: qrp-l messages <qrp-l@lehigh.edu>
Subject: [114272] AL7FS @ KL7Y 1851z
Message-ID: <3C126040.7B5FE52A@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ok, I am out here and should get going in the next 10-15 minutes.

Forgot my logbook, my notepads and two other things. :-(
Dan is looking around for some old contest logsheets for me to use.

See you on the air. Dan says east coast is already in on 10 meters.

73, Jim

Date: Sat, 8 Dec 2001 13:54:13 -0500
From: "Jim Dolson" <jdolson@iserv.net>
To: <qrp-l@Lehigh.EDU>
Subject: [114273] FS: Yaesu FT-7 QRP Rig
Message-ID: <003901c18019\$bb0306c0\$ac09e0d0@hal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

My dad has an FT-7 for sale. I tried to get him to give it to me for Christmas, but maybe I wasn't as good a kid this year as I thought. Link for the rig is:

<http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1306267518>

Jim
WB8ZBD

Date: Sat, 08 Dec 2001 13:55:33 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: plburbank@kih.net
Cc: qrp-l@lehigh.edu
Subject: [114274] Re: Isotron Antennas
Message-ID: <3.0.6.32.20011208135533.0079b5d0@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Pete, et all,

>I'm always interested about antennas. This one is really strange looking
>and was curious about the theory behind it.

Basicly, it's a series tuned circuit, with an impedance of about 50 ohms. A coil is mounted between two capacitor plates. The coax shield is connected to the bottom capacitor plate and the center conductor to the bottom of the coil, at the shield side cap plate. The top of the coil connects to the top cap plate. I imagine, most of the radiation is coming off the coil in the middle.

A varriation of this idea was presented by someone in either 73 or QST a few years back. Think it was 73. Instead of putting a coil in between two cap plates, he put the coil off to the side and built a sort of piston variable cap with copper pipe and a threaded rod, next to the coil. The whole thing fit in a large PVC pipe and was made for 20M. Performance was claimed to be "okay", considering it's size.

I'm thinking of trying this idea out on 160. Maybe build a square 3 feet on a side, put the coil on one side and the tuning cap on the other. With this larger capture area, and currents circulating around the loop, it might work "okay", considering it's size :-)

>Did a search on Google and got mixed reports about performance .
>Any info is appreciated, not that I need one but info keeps the brain
>moving along.

I guess it depends on what you have to compare it to. They do seem to work and if you have nothing else to compare it too, it will seem to work pretty good. Compare it to a full sized dipole, and you'll find you've been missing a lot of action.

The bottom line is if your really constrained for space, this type of antenna will get you on the air and you will make contacts. But if you can put up any kind of *real* antenna, it will, in all likely hood, work better.

72,
Steve, KD1JV
"Melt Solder"
White Mountians of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Sat, 8 Dec 2001 14:02:05 -0500 (EST)
From: KENNETH ROBERT MCGUIRE <at902@tcnet.org>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [114275] ARRL 160 M contest
Message-ID: <Pine.LNX.4.21.0112081356030.31760-100000@hendryx.tcnet.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have had limited experience on 160 M and thought I would try to see if my K2 could do anything last night... My antenna was just a wire thrown up a tree, so I didn't expect miracles, but was hoping for something. I managed to work 2 stations - my first ever CW on 160 - my first qrp on 160. One of them was even a new state on 160 and also new on CW. While I will hardly set any records, I'm on the board!

HMMM... Maybe next year I can be crazy and have a Helium Balloon supported J-pole for 160? Fun to think about...

Ken McGuire
KC8LTL in EN74cp
at902@tcnet.org

Date: Sat, 08 Dec 2001 14:21:27 -0500
From: John Wagner <john@wagner-usa.net>
To: thom2@worldnet.att.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [114276] Re: Question on How to Measure Power Output
Message-ID: <3C126837.B62C2E52@wagner-usa.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I see a number of people pointed to Wes Haywards web page, which is a great explanation.

Here is an answer in slightly abbreviated format;

Xmit into a 50ohm dummy load, measure with your scope on the "hot" side of the dummy load.

Take you P-P voltage and divide it by two (peak voltage)

Multiply by .707 (RMS)

Square the result and divide by 50 (resistance of your dummy load in ohms)

The formula is $P = E^2 / R$ (power equals voltage squared divided by resistance)

Example; my 2n2/40 has 30v P-P voltage into a 50ohm dummy load;

```
30/2 = 15
15 x .707 = 10.605
10.605^2 = 112.466025
112.466025 / 50 = 2.25w
```

73 de John, N1QO

Tom wrote:

```
>
> Hi all,
> I have a question on how to measure power output from my transmitter using
> a scope.
>
> First off, should I be connecting the scope's probe directly to the
> antenna jack?
>
> Secondly, is there a formula to use to convert the voltage shown ( sine
> wave) to power?
>
> I'm not concerned with measuring frequency at this point, just the power
> output.
>
> Thanks in advance for your help
>
> Tom McCulloch, WB2QDG
```

--

John Wagner - john@wagner-usa.net
Web page: <http://www.neknetwork.com>

Date: Sat, 8 Dec 2001 20:38:32 +0100
From: "Stephane Collas" <stephane.collas@wanadoo.fr>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [114277] Non Radio, but very important message, pse look carefully...
Message-ID: <002901c1801f\$ec03fb70\$92410b50@f5nzy>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello all,

Thanks to Tim, G4VXE
Who kindly translated

This year, the French Telethon has an interesting challenge. They need commitment from as many Internet users to help with a project which seeks to analyse and classify proteins which contribute towards genetic and other diseases, such as cancer and heart disease. Somewhere around 15 billion proteins need to be analysed, which may take 50 days for 100,000 computers. At the time of writing, over 60,000 PCs have been pledged to help. Each PC counts!

How can you and your computer help? Well, if you sign up to the project, in next February, you will receive an e-mail which will give you the instructions of how to download and install the software. It will run in the background on your PC and analyse the proteins. When it has completed a work unit, it will return the result to a central computer, using your internet connection and get the next unit to be analysed. The more computers there are, the quicker the results will be obtained! This is the same distributed computing model used by SETI.

The project is being run by AFM, who are a non-profit organisation, in conjunction with IBM, The results will be made freely available to the worldwide scientific community.

The URL where you can sign up is at
<http://www.telethon.fr/recherche/recherche1.asp>

As it's a French telethon, the page is written in French. However, do not despair if your French is not so good. You may find that <http://babelfish.altavista.com/tr> will help you make sense of things! Please make the effort and sign up to this really worthwhile project.

73's de Steph, F5NZY

Date: Sat, 8 Dec 2001 14:48:17 -0500
From: "Mike Branca" <w3irz@att.net>
To: <qrp-1@Lehigh.EDU>
Subject: [114278] Re: Question on How to Measure Power Output
Message-ID: <00d101c18021\$488f1fe0\$6ded5b0c@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

OK Art and all, here's how to compute power. You must measure across your dummy load for this. The power formula is $P = E^2 / R$ (E squared over R). So for 6 watts: $6 = E^2 / 50$ or $E^2 = 300$ and $E = 17.32$ volts. Then since we are measuring peak voltage (PP divided by 2) we have to multiply 17.32 volts by 1.414 to get the peak voltage and the answer to that is 24.49 volts peak for 6 watts or double it for peak to peak.

6.0 w	=	24.49v
5.5 w	=	23.45v
5.0 w	=	22.36v
4.5 w	=	21.21v
4.0 w	=	20.00v
3.5 w	=	18.71v
3.0 w	=	17.34v
2.5 w	=	15.81v
2.0 w	=	14.14v
1.5 w	=	12.25v
1.0 w	=	10.00v
0.9 w	=	9.49v
0.8 w	=	8.94v
0.7 w	=	8.37v
0.6 w	=	7.75v
0.5 w	=	7.07v
0.4 w	=	6.32v
0.3 w	=	5.48v
0.2 w	=	4.47v
0.1 w	=	3.16v

And those are all in peak volts.

Mike Branca W3IRZ in Conyers Georgia

Date: Sat, 8 Dec 2001 14:56:37 -0500
From: "N8IE" <n8ie@woh.rr.com>
To: "QRP-1" <qrp-1@lehigh.edu>
Subject: [114279] Re: [fpqrp] IM Madness!
Message-ID: <002301c18022\$753167a0\$0400a8c0@woh.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It was all a blurr last night, I think it was something about his Pigtoria
Secrets catalog or something. :-D

72. oo
Dan, N8IE

----- Original Message -----
From: "Rob Matherly" <kc0bom@arrl.net>
To: "N8IE" <n8ie@woh.rr.com>; "FPQRP-1" <fpqrp-1@mpna.com>
Sent: Saturday, December 08, 2001 3:01 AM
Subject: Re: [fpqrp] IM Madness!

> Man, he got his butt nailed to the wall tonight! What was it you said he
> was whispering in his sleep? :^D

>
> 72/73/oo
> Rob, kc0bom
> FP Qrp -330; Live-Wire #442; IA QRP #143; SOC #497; QRPP-I #19

>
> -----
> Visit my website! <http://www.qsl.net/kc0bom/hamradio>

>
> ----- Original Message -----
> From: N8IE <n8ie@woh.rr.com>
> To: FPQRP-1 <fpqrp-1@mpna.com>
> Sent: Friday, December 07, 2001 9:53 PM
> Subject: [fpqrp] IM Madness!

>
>
> You are all missing some great fun tonight!
> I'm on look for N8IE, we'll pull u in.

>

> And man is Brian being bad mouthed. Whew!
> The rumors are flying!
>
> 72, oo
> Dan, N8IE
>
> -To unsubscribe, mail to majordomo@fpqrp.com, msg: unsubscribe fpqrp-l -
>
>
> -To unsubscribe, mail to majordomo@fpqrp.com, msg: unsubscribe fpqrp-l -
>

Date: Sat, 08 Dec 2001 19:52:41 +0000
From: Dan Robbins <kl7y@alaska.net>
To: qrp-l messages <qrp-l@lehigh.edu>
Subject: [114280] AL7FS 1951z
Message-ID: <3C126F89.61831FF7@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

About 10 Qs on 10 meters. From East to West coast but spotty. 15 is too quiet. I will hang on about 28.063 for a bit but check 15 and 20 from time to time.

6 meters is open and KL7Y is working right next to me on voice. I find it hard to do my CW at the same time. Walking and chewing gum syndrome. :-)

73, Jim, AL7FS

Date: Sat, 8 Dec 2001 14:58:37 -0500
From: "N8IE" <n8ie@woh.rr.com>
To: "QRP-l" <qrp-l@lehigh.edu>
Subject: [114281] Re: [fpqrp] Re: BE GOOD NOW
Message-ID: <005301c18022\$bcd0c00\$0400a8c0@woh.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It was because he was not there. That's all. :-)

72, oo
Dan, N8IE

----- Original Message -----

From: "philip wilcox" <rusty_rails@worldnet.att.net>
To: "N8IE" <n8ie@woh.rr.com>; "FPQRP-1" <fpqrp-1@mpna.com>
Sent: Saturday, December 08, 2001 9:13 AM
Subject: [fpqrp] Re: BE GOOD NOW

> WHY ? ? ? ? ? ? Why would anyone bad mouth Brian?
>
> Brian is the official SUPER GIMENDOUS HOG HERO - - - - with a gold 5 star
> cluster.
>
> It is just not proper to pick on our ICON.
>
> Remember those field day bratwursts ! ! ! !
>
> WB8ABE FP #61
> DIREKT VOM SCHREIBTSCH DES FLIEGENDES SCHWEIN
> 40 1' 1" N 83 3' 58" W EN801a
> Columbus, Ohio
>
>
>
>
>

> ----- Original Message -----

> From: N8IE <n8ie@woh.rr.com>
> To: FPQRP-1 <fpqrp-1@mpna.com>
> Sent: Friday, December 07, 2001 10:53 PM
> Subject: [fpqrp] IM Madness!
>
>

> > You are all missing some great fun tonight!
> > I'm on look for N8IE, we'll pull u in.
> >
> > And man is Brian being bad mouthed. Whew!
> > The rumors are flying!
> >
> > 72, oo
> > Dan, N8IE
> >
> > -To unsubscribe, mail to majordomo@fpqrp.com, msg: unsubscribe fpqrp-1 -
> >
>
> -To unsubscribe, mail to majordomo@fpqrp.com, msg: unsubscribe fpqrp-1 -

>

Date: Sat, 8 Dec 2001 15:12:02 -0500
From: "N8IE" <n8ie@woh.rr.com>
To: "QRP-1" <qrp-1@lehigh.edu>
Subject: [114282] Re: [fpqrp] IM Madness!
Message-ID: <007d01c18024\$9ced960\$0400a8c0@woh.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

OK John,
You put our names in the buddy list. Mine is n8ie
When you log onto it and see my name as being online, double click on my
name, a window will pop up. Type something witty and smart in it and click
send. I'll ignore your message and leave real good. :-)

Once you get ahold of one of us, we'll drag you into the chat room, and you
can then bookmark it and enter it anytime you want.

Just make sure you don't leave a mess and stay out of the fridge! :-D

72, oo

Dan, N8IE

----- Original Message -----

From: "W2AGN" <w2agn@pobox.com>
To: "Rob Matherly" <kc0bom@arrl.net>; "N8IE" <n8ie@woh.rr.com>; "FPQRP-1"
<fpqrp-1@mpna.com>
Sent: Saturday, December 08, 2001 10:55 AM
Subject: Re: [fpqrp] IM Madness!

OK, you guys are having such fun, I had to try it, so I downloaded AIM for
Linux, got it running, registered a screen name. Now what? What do I put in
the "buddy list?" How to join chat?

I have never played with things that say "AOL." on them....

_ _ _ _ _
| | | [o) / \ / _|| \ | | John L. Sielke w2agn@pobox.com w2agn@qsl.net
| V V |/(| o (| _n| \ \ |NJ Grid:FM29LN <http://www.qsl.net/w2agn>
 n//_||_n_| _/_|_| \ |NJ-QRP #57 QRP-L #884 QRP-ARCI ARQrp #86
EX-N4JS, W4MPC, W7JEF, K3HLU G-QRP #9544 NorCal CQC AKQRP QCWA FISTS #2781
00TC ARLHS Zombie #576 Elecraft K2 #00023 K1 #00146

p Y

-To unsubscribe, mail to majordomo@fpqrp.com, msg: unsubscribe fpqrp-1 -

Date: Sat, 08 Dec 2001 16:04:49 -0500
From: John Wagner <john@wagner-usa.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [114283] worked jim - need HI!
Message-ID: <3C128071.AB08991B@wagner-usa.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just worked Jim, AL7FS in AK with a FB 55n sig here in VT. I was up one khz when I got him.

10m is in pretty good shape and it sounds like it's heading out west... and I need HI to complete WAS (got WY last night!). If there is anyone on this list in HI and can get on 10m in the next hour, please email me with a freq and I'll be there!

73

John, N1Q0 (in Holland, VT, and glad to sked w/anyone who needs it)

--

John Wagner - john@wagner-usa.net
Web page: <http://www.neknetwork.com>

Date: Sat, 08 Dec 2001 16:16:48 -0500
From: Jim Campbell <jim-c@nc.rr.com>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [114284] Anyone Know of a K7A?
Message-ID: <3C128340.1A51D630@nc.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I just signed with K7A in AZ. Yet the ARRL database doesn't know anything about him. Is he some kind of special event station? He was coming in 599 in NC on 28.0499. I got a 529 with 5 watts.

72/73,

Jim
W4BQP

Date: Sat, 08 Dec 2001 16:19:11 -0500
From: neil tanner <wa4chq@qsl.net>
To: qrp-1@Lehigh.EDU
Subject: [114285] psk31 and Linux
Message-ID: <3C1283CF.329FE8E2@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings all-
Can anyone on the list help me set up PSK31 for Linux. I am using
gnome/RH7.0
Tnx es 72
Neil wa4chq

Date: Sat, 08 Dec 2001 21:17:55 +0000
From: Dan Robbins <k17y@alaska.net>
To: qrp-1 messages <qrp-1@lehigh.edu>
Subject: [114286] AL7FS 2120z
Message-ID: <3C128383.D713992@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

10 meters has dropped off. I think I will try some 15 meters for a
while although it seems kinda quiet. If no luck there...well, I will
try something else. I will keep you posted.

About 35 QSOs in the first 2 hours. Not great but ok for me. I have
been out here when I only get 3-4 an hour.

73, Jim

Date: Sat, 08 Dec 2001 16:26:01 -0500
From: Fred Lesnick <flesnick@tbaytel.net>
To: k17y@alaska.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [114287] Re: AL7FS 2120z
Message-ID: <3C128569.B031F829@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

6 meters is hopping with the folks from Alaska, made 8 qso's on 6. 2 cw and the rest voice , running the 817 into 3 elements.

Fred
VE3FAL

Dan Robbins wrote:

>
> 10 meters has dropped off. I think I will try some 15 meters for a
> while although it seems kinda quiet. If no luck there...well, I will
> try something else. I will keep you posted.
>
> About 35 QSOs in the first 2 hours. Not great but ok for me. I have
> been out here when I only get 3-4 an hour.
>
> 73, Jim

Date: Sat, 08 Dec 2001 16:31:18 -0500
From: Fred Lesnick <flesnick@tbaytel.net>
To: jim-c@nc.rr.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [114288] Re: Anyone Know of a K7A?
Message-ID: <3C1286A6.99AC4A8A@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Tempe, AZ: SHARC, K7A. 1400Z Dec 7 to 2359Z Dec 9. Commemorating the USS Arizona Memorial 60th Anniversary.
28.470 21.370 14.270 7.270. Certificate. SHARC, 1104 East Campus Dr, Tempe, AZ 85282.

Fred
VE3FAL

Jim Campbell wrote:

>
> I just signed with K7A in AZ. Yet the ARRL database doesn't know
> anything about him. Is he some kind of special event station? He was

> coming in 599 in NC on 28.0499. I got a 529 with 5 watts.
>
> 72/73,
>
> Jim
> W4BQP

Date: Sat, 8 Dec 2001 14:35:30 -0700
From: "Rod N0RC" <rod@n0rc.com>
To: <jim-c@nc.rr.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [114289] Re: Anyone Know of a K7A?
Message-ID: <002201c18030\$4306a8e0\$ea37fc0c@c919125b>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Starting at eham.com

I was directed to

"Amateur Radio Station, 1x1 Call Sign Block, THE SPECIAL EVENT CALL
SIGN SYSTEM" at:

<http://ncvec.spindle.net/>

That returned:

"1x1" Call Sign K7A
Begin Date 02/07/02
End Date 02/20/02
Special Event ARIZONA ADMISSION DAY
Coordinator ARRL
Requestor's Name ROBERT R. SMITH
Requestor's Callsign WB6ODR
Requestor's Address 1718 BUENA VISTA TRL

PRESCOTT, AZ 86305-8592
Requestor's Email Address lrsmith@cableone.net
Requestor's Telephone 520-443-9321

Happy Holidays

73, Rod N0RC

HEY HEY my att broadband connection is back!

Ft Collins, CO

----- Original Message -----

From: "Jim Campbell" <jim-c@nc.rr.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Saturday, December 08, 2001 2:16 PM

Subject: Anyone Know of a K7A?

> I just signed with K7A in AZ. Yet the ARRL database doesn't know
> anything about him. Is he some kind of special event station? He
was
> coming in 599 in NC on 28.0499. I got a 529 with 5 watts.
>
> 72/73,
>
> Jim
> W4BQP
>

Date: Sat, 8 Dec 2001 16:43:29 -0500

From: "Richard Brummer, K2JQ" <k2jq@bestweb.net>

To: <jim-c@nc.rr.com>,

"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [114290] Re: Anyone Know of a K7A?

Message-ID: <010a01c18031\$67a05c40\$6706b3d8@obvious>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Jim,

1x1 (one-by-one) callsigns are permitted and are associated with Special Events. They are found in a special database. Check out http://ncvec.spindle.net/html/show_all.cfm , or you can find "1x1 Callsigns" on the ARRL website.

K7A is associated with a Special Event relating to the Arizona Memorial at Pearl Harbor.

"1x1" Call Sign K7A

Begin Date 12/07/01

End Date 12/09/01

Special Event U.S.S. ARIZONA MEMORIAL

73,

Dick K2JQ

-----Original Message-----

From: Jim Campbell <jim-c@nc.rr.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Date: Saturday, December 08, 2001 4:18 PM

Subject: Anyone Know of a K7A?

>I just signed with K7A in AZ. Yet the ARRL database doesn't know
>anything about him. Is he some kind of special event station? He was
>coming in 599 in NC on 28.0499. I got a 529 with 5 watts.

>

>72/73,

>

>Jim

>W4BQP

>

Date: Sat, 08 Dec 2001 16:38:58 -0800

From: john@wagner-usa.net

To: qrp-1@Lehigh.EDU

Subject: [114291] AL7FS 21.062 at 2141

Message-ID: <5.1.0.14.1.20011208163801.009de2c0@209.95.110.83>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Jim is good and loud hear in VT. Sounds like a mini-pack is calling him -
join in!

73 de John, N1Q0

Date: Sat, 8 Dec 2001 16:44:43 -0500 (EST)

From: Stephan Greene <sgreene@patriot.net>

To: neil tanner <wa4chq@qsl.net>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [114292] Re: psk31 and Linux

Message-ID: <Pine.LNX.4.10.10112081641390.9037-100000@tzion.greene.lan>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 8 Dec 2001, neil tanner wrote:

> Greetings all-
> Can anyone on the list help me set up PSK31 for Linux. I am using
> gnome/RH7.0

There are two psk31 programs for linux I've tried:

kpsk (may require updating your kde libraries)

twpsk (I think this one requires the lesstif libraries)

kpsk has a nice waterfall display. twpsk has a auto-seeking feature.

Hope this helps

73 Steve KA1LM

Stephan A. Greene sgreene@patriot.net ka1lm@amsat.org
Herndon, VA 1-703-654-6032 office 1-571-233-1194 cell

Date: Sat, 08 Dec 2001 17:01:30 -0500
From: brickle <brickle@pobox.com>
To: wa4chq@qsl.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [114293] Re: psk31 and Linux
Message-ID: <3C128DBA.545ECAA9@pobox.com>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

> Can anyone on the list help me set up PSK31 for Linux. I am using
> gnome/RH7.0

First of all, have you been to

<http://radio.linux.org.au>

to survey the amateur radio software available to penguins?

You have a working soundcard?

You have several choices for psk31 programs --

gpsk
linpsk
kpsk
phaseshift
twpsk

Since you're running RH7.0, the only one of these that will compile and run out of the box is linpsk. The others will require updating one or more libraries, and twpsk will need lesstif.

Consensus: gpsk is the best.

You might save yourself a bit of trouble and upgrade to RH7.2, which AFAICT is up-to-date on all the libs.

What radio are you using? How were you planning to manage the soundcard and keying/PTT connections, by hand (homebrew) or with a commercial box (RigBlaster, RASCAL, etc.)? If you've got an FT-817 you can probably get by without an interface to the soundcard, and the keying interface is simple to lash up. I put together a whole interface with audio isolation and serial-port keying on a piece of perfboard in an hour a few weeks ago.

Enough for now?

Frank
AB2KT

Date: Sat, 8 Dec 2001 15:04:47 -0700
From: "Niels" <nkristja@cadvision.com>
To: "QRP-L" <QRP-l@Lehigh.EDU>
Subject: [114294] Fw: AL7FS 21.062 at 2141
Message-ID: <010801c18034\$5a8e1440\$228c94cf@niels>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi gang,

Just worked Jim, he is 599 into Alberta a little bit of QRN but a FB sig.

72 de Niels
VE6NJK
Calgary, AB

> Jim is good and loud hear in VT. Sounds like a mini-pack is calling him -
> join in!
>
> 73 de John, N1QO
>
>

Date: Sat, 08 Dec 2001 16:58:36 -0500
From: David Hinerman <wd8civ@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [114295] Re: Epson SG-8002
Message-ID: <3.0.6.32.20011208165836.00797860@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 12:46 PM 12/8/01 -0500, you wrote:

>Secondly, and a little more subtle, they are not available for any frequency
>and they cannot be 'pulled' at all. You can order any frequency you want
>and the result will be within a few parts per million of the frequency you
>requested. But in the HF region, that's quite a few Hz. So if, for
>example, you ordered 2 15 meter parts 700 Hz apart, the result may turn out
>to be 200 Hz apart or something like that. You really need to talk with the
>supplier who will program the part, they can tell you precisely what
>frequencies you will end up with and generally you can work around this
>problem. I know of no source on the web that allows you to determine ahead
>of time what frequency the thing can be programmed for. Of course, in most
>cases, a few hundred Hz doesn't matter.

John

This might help:

<http://www.epson.co.jp/device/crystal/sg8000/menu1.html>

It's a registration screen that will allow you to go to an online worksheet for the SG-8002 modules. (I put in a made-up company name, and it worked OK.)

The worksheet gives you choices for package style, output function (Output Enable or Standby), Output Load (5V CMOS, 5V TTL, or 3.3V CMOS), and stability / temperature range (+-50ppm, -20 to +70C; +-100ppm, -20 to +70C; +-100ppm, -40 to +85C). Fill in your choices and a frequency and click "go"

to get another window with an Epson part code and a note saying whether or not the frequency can be made. (I tried 21.100, 21.100001, 21.100005, and 21.100007 MHz and they all worked, but for 21.107173 MHz it just said "Please inquire to Epson.")

Dave

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Sat, 8 Dec 2001 17:05:41 -0500
From: "Richard Brummer, K2JQ" <k2jq@bestweb.net>
To: <john@wagner-usa.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [114296] Re: AL7FS 21.062 at 2141
Message-ID: <014101c18034\$7b027d60\$6706b3d8@obvious>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Not hearing him on 15 -- maybe 20 a bit later.

Worked him on 10 at about 2015Z. Of course, his signal picked up after we signed.....

73,

Dick K2JQ

-----Original Message-----

From: john@wagner-usa.net <john@wagner-usa.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Saturday, December 08, 2001 4:43 PM
Subject: AL7FS 21.062 at 2141

>Jim is good and loud hear in VT. Sounds like a mini-pack is calling him -
>join in!

>

>73 de John, N1QO

>

>

Date: Sat, 08 Dec 2001 17:16:03 -0500
From: Jim Campbell <jim-c@nc.rr.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [114297] Re: Fw: AL7FS 21.062 at 2141
Message-ID: <3C129123.C6EF384@nc.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

He is coming in 339 in NC at 2210. No pack now, but a nice orderly progression of stations working him. My first AK with K2 #2268.

Jim W4BQP

Niels wrote:

>
> Hi gang,
>
> Just worked Jim, he is 599 into Alberta a little bit of
> QRN but a FB sig.
>
> 72 de Niels
> VE6NJK
> Calgary, AB

Date: Sat, 8 Dec 2001 17:38:55 -0500
From: "Tom" <n1tp@worldnet.att.net>
To: "qrp-l@Lehigh.EDU" <QRP-L@LEHIGH.EDU>
Subject: [114298] AL7FS on 21.062
Message-ID: <001701c18039\$1f2cb780\$84984d0c@tom>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

At 2234 Zulu I worked Jim with 5 watts out from Naples, Florida, on first call.

Piece of cake. He's 559 and very clean signal into Naples.
No QRM whatsoever.

Tom, N1TP

Date: Sat, 8 Dec 2001 17:48:08 -0500
From: "Ron McConnell" <rcmcc@earthlink.net>
To: "NJQRP" <njqrp@njqrp.org>, "HFPack" <hfpack@yahoogroups.com>,
"QRP-L" <qrp-l@lehigh.edu>
Cc: "Ron McConnell" <rcmcc@earthlink.net>
Subject: [114299] DC/DC Converter: 12V in, 1.5 to 12V out @ \$5
Message-ID: <000001c1803a\$69f66b20\$6fbd0ecf@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

I ran across an interesting gadget at
a local New Jersey surplus merchandise store (Oddjob)
that may be of interest to those who
power small electronic gadgets from 12Vdc
at up to 800mA.

[Description below edited from
<http://www.cobyusa.com>]

Coby CA-706
IC Regulated DC/DC Converter - 800mA
UNIVERSAL DC CAR CONVERTER
Integrated Circuit Assures
Short Circuit Protection
Auto-shutoff for Overloads
and Thermal Irregularity
6-Plug Connections: 4 x 1.7mm, 2.1 x 5mm,
2.5 x 5.5mm, 1.3 x 3.5mm, 1 x 3mm, 2.5 x 0.75mm
Input 12Vdc
Output: 1.5, 3, 4.5, 6, 7.5, 9, 12V DC
[It was putting out 12V with 11.8V in from a gelcell.]
LED Power Indicator

Regular price \$9.99. Oddjob price \$4.99.
It's made pretty well.
Even at the regular price it's not a bad deal.
It would be hard to build one for \$5.

One could probably also extract the small
board from the cigarette lighter plug mount
and install it inside a homebrew qrp rig.

I've seen Coby electronic gadgets at

the cheaper department stores.

Cheers, 73,

Ron McConnell
w2iol

Date: Sat, 8 Dec 2001 17:47:36 -0500 (EST)
From: kaliic <kaliic@prexar.com>
To: <kaliic@qsl.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [114300] Re: O.T. Nicad help...
Message-ID: <Pine.LNX.4.33.0112081742460.4945-100000@VinceWerber.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Thanks for all the great info...

This a great group...

72
Vince
kaliic
-.-.

If you can't convince them, confuse them.
--Harry S. Truman

Date: Sat, 08 Dec 2001 22:58:55 +0000
From: Dan Robbins <k17y@alaska.net>
To: qrp-1 messages <qrp-1@lehigh.edu>
Subject: [114301] AL7FS @2300z
Message-ID: <3C129B2F.17B4AC93@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

15 meters is slowing down. I think I will try 10 meters for 10-20 minutes and if no luck, down to 20 meters. I will post when I move to 20 meters.

65 QSOs so far. About 15-17 per hour.

73, Jim

Date: Sat, 08 Dec 2001 17:26:41 -0600
From: "Chuck Carpenter" <w5usj@globeco.net>
To: QRPP-I@yahoogroups.com, qrp-1@Lehigh.EDU
Subject: [114302] Tiny Tornado Packaged and Operational
Message-ID: <3.0.2.32.20011208172641.007952c0@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

QRPP Folks,

Finished packaging and testing my TT-40 this morning. Worked right out of the blocks. Hard to believe you can have a complete transceiver with only 3 active components.

With 8.5 V the WM-2 showed about 250 mW. Haven't tried it with 12.6 V yet. Receive signals were strong with the multiband dipole at 8.5 V and even stronger at 12.6 V.

I'll be QRV in the a.m. around sunup CST at or near 7042 or 7038. Those are *about* the freqs I get with the cap values I have switched in the crystal circuit. I'll be connected to the fox killer vertical in the morning. If anyone hears the TT-40, I'd appreciate a QSO or an SWL signal report via email...

The packaging is in a *mint* tin I found at Walgreens -- 99=A2 I think. Couldn't fit the parts in a tiny Altoids tin. Not quite deep enough to clear the crystal, key, capacitor switch, and headphone jacks. The Walgreens mint tin is aluminum and easily pierced with a scribe to make the mounting holes. I roll the metal over on the back side of the hole too which makes it a little thicker for mounting stuff. Brice has pictures of the finished job in the photo gallery on the QRPP-I website.

<http://www.qrpp-i.com/>

The tansmatch shown with the TT-40 is a hybrid of the bridge in the ZM-2 and a coil design and switching circuits by Charlie Lofgren. It's set up for coax only.

Fun Stuff!

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275
Zombie #759, QRPp-I #115, Visit NETXQRP Web Site: <http://www.netxqrp.org>

Date: Sat, 8 Dec 2001 16:55:38 -0500
From: "JOSEPH PIRKLE" <ad4ih@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [114303] FS: Yaesu FT-920
Message-ID: <000001c1803f\$c1b2cca0\$5b8f4d0c@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang:

I recently posted this item on the club web site for local ham. He is not a member of the list. Such a good deal I thought there might be some interest in this QRO rig.

<http://lakelandarc.homestead.com/ForSale.html>

Joe, AD4IH
Editor, BackScatter
Webmaster: <http://lakelandarc.homestead.com>
Free Download Acrobat Reader
<http://www.adobe.com/products/acrobat/readstep2.html>
Free Download ZoneAlarm Firewall is:
<http://www.zonealarm.com>.

Date: Sat, 8 Dec 2001 18:23:33 -0500
From: nilsbull@juno.com
To: QRP-L@lehigh.edu
Subject: [114304] Why not, this deathmatch thingie & finding a way to get on the 160m contest
Message-ID: <20011208.182352.-228149.1.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

A couple weeks ago Cindy baked up some fruitcakes what she then soaked in some expensive brandy. Today she asked me -- after me passing the brandy bottle three times without takin' a snort -- to put some more brandy on 'em. So I get out the big basting brush & start gettin' 'em drunk again. So she brings out this huge syringe that she bought to put brandy into 'em with.

Now, jest this week, me and Frank -- one of the guys I work with -- is trying not to destroy the 6m radio. You know about that already. At some point in the process, my hands started shakin' so I couldn't hit the little pins on the mic jack. So Frank points the solderin' iron & I wiggle some slobber on 'em so he can slobber 'em for me.

So there I am, back in the kitchen, gettin' ready to put some brandy into the main vein of each of them fruitcakes.

Many years ago during one of my Uncle Ted's visits to my folks' digs -- when I was still an innocent kid -- Dad and Uncle Ted got talkin' about how they cure hams and squoosh more salt & nitrosomines in 'em so they taste like they do. Uncle Ted tells Dad about the syringe thing & Dad starts this whole Lenny Bruce "Louis Pasteur of Junky-dom" bit. I was laughin' so hard I couldn't catch my breath. And I didn't even know who Lenny Bruce was back then.

So I pick up the syringe out of the bubble pack & pull the needle out of it's little holder & try to stick it on the end of the fit so I can fix the fruitcakes.

A couple years ago when I passed out at work, one of the EMTs who was there put an IV in me & in the process, after having set the IV, sticks himself with the same needle what'd just come out of my arm. He was freaked. As you can well imagine in these times.

So I get the needle on the fit & start to arrange things so I can get some brandy in the plunger. In the process I stick myself in the forefinger.

Cindy couldn't believe it. I told her about me & Frank slobberin' them pins on the mic jack.

Now, since there's a 6m contest going on (and I ain't heared one person yet on), AND something called the "PSK31 DeathMatch," I go upstairs (after puttin' a bandage on my finger) and toon around. I heard a half-dozen people on & tried to do a few Qs but failing that went back to 10m and tried to stir up some Qs there, unsuccessfully.

But I finally did get my sound card timed right. At least according to the MMSSTV program -- which Frank uses a lot more than I do, but then he's into web cam stuff too (don't even ask!). Now, the point of all this?

I found that the SG2020 really does work very nicely on PSK/MFSK. I just don't get to use the amp I built. Which is probably just as good. Only thing is I need to turn on a small muffin fan under the radio, 'cause I don't wanna kill it again. And since Cindy's got the thermoustate so low, everything stays cool.

And I added some wire to one of the antennas to get it to play on 160m. Just in time to help fix dinner. And no, I didn't have to stab the potatoes with the syringe. I put that dang thing away somewhere that not even Lenny Bruce or Art Pepper could find it, even if they were alive. With all I had to go through to get the mic connector slobbered together, I think it's another one of those lessons learned kinda deals.

73

Nils

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes Sonrientes

W8IJN -- <http://www.geocities.com/nilsbull/w8ijn>

"In MY day we FIGHT to have earphones! Every DAY was STRUGGLE!"

-- Comrade Nikolai Sergeievich McTovarishov, 19

Oct 1917

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<http://dl.www.juno.com/get/web/>.

Date: Sat, 8 Dec 2001 17:41:39 -0600

From: "Glenn Butzlaff" <gbutzlaff@wi.rr.com>

To: <qrp-1@lehigh.edu>

Subject: [114305] OT: Wanted, transformer for TT 255 PS

Message-ID: <000d01c18041\$e23d9200\$d3bf1d41@wi.rr.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Looking for a good transformer to replace the one in my Ten Tec 255 20 amp

supply. Mine has an incurable hum and am hoping to find a replacement.
Thanks for reading.

Glenn, WE9K

Date: Sat, 8 Dec 2001 18:59:11 -0500
From: "Ernest J. Gregoire" <gregoire@vermontel.net>
To: "QRP-L" <qrp-l@Lehigh.edu>
Subject: [114306] Ten Meters Wide Open
Message-ID: <01aa01c18044\$550050a0\$4944af3f@vermontel.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello Gang,

I hope that you had a chance to try ten meters today. Wow!

I worked a guy in NWT, about 100 miles north west of Yellow Knife. BTW his
local temperature was minus 35.

He was S5 on the guess meter and gave me an 57 signal report. All this from
my mobile unit using a screwdriver antenna parked by the side of the road in
a very narrow Vermont hollow.

de AA1IK

Ernie

End of QRP-L Digest 2399

